



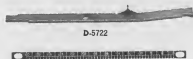
D-1660



G-142



D-5677



D-5722

D-4757 (30 EM)  
D-4758 (42 EM)  
D-5686 (42 EM) (USED WITH POINTER D-5677)



D-882 (30 EM) D-2803 (42 EM)  
D-1170 (28 CICERO) D-2923 (40 CICERO)



D-1662



D-3075



D-802



D-156



D-1663



D-5197



D-1653 (30 EM) \*\* D-3375 (40 CICERO)  
D-1722 (28 CICERO) \*\* D-3400 (28 CICERO)  
D-2802 (42 EM) \*\* D-4379 (30 EM)  
D-2922 (40 CICERO) \*\* D-4380 (42 EM)



D-1227



D-1659 (30 EM)  
D-1724 (28 CICERO)  
D-2913 (42 EM)  
D-3413 (40 CICERO)



D-1658



D-1657



D-5198 (30 EM) \* D-5222 (28 CICERO)  
D-5199 (30 EM) \* D-5223 (40 CICERO)  
D-5200 (42 EM) \* D-5233 (28 CICERO)  
D-5201 (42 EM) \* D-5237 (40 CICERO)



G-167



G-139



D-3072



E-192



D-1152



D-3292



D-1656  
D-1723 (CICERO)



D-3073



D-3074



D-5678 (30 EM)  
D-5679 (30 EM)  
D-5680 (42 EM)  
D-5681 (42 EM)



D-3067



D-1377



D-54 (30 EM)



D-2440 (42 EM)  
D-3070 (40 CICERO)  
D-3374 (40 CICERO)



J-136



D-5727



D-532



D-1966



D-1462



I-788



BB-148



D-4411



D-354



D-802



D-2172



D-5988



G-274

\* Small Assembler Stor.

\*\* Large Assembler Stor.

## Assembling Mechanism

## Models 5-29-30-31-32

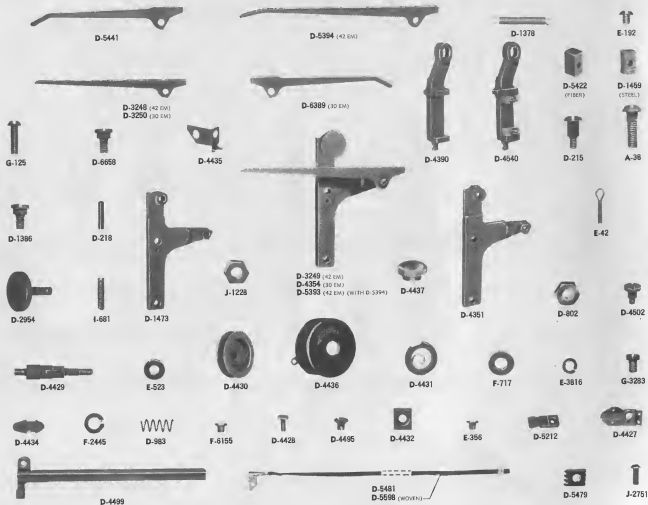
## Assembler Slide 235

D-148 Assembler slide stop screw 8-32 x 5/16"	5-29-30-31-32	D-3413 Assembler slide clamp, assembled (40 cicero)	29-30-31-32
D-154 Assembler slide stop (30 em)	5-29-30-31-32	D-3856 Assembler slide finger	5-29-30-31-32
D-156 Assembler slide clamp adjusting screw (42 em) 8-32 x 7/8"	29-30-31-32	D-4379 Assembler slide (30 em) (large assembler star)	29-30-32
D-354 Assembler slide brake operating lever hinge screw	5-29-30-31-32	D-4380 Assembler slide (42 em) (large assembler star)	29-30-32
D-532 Assembler slide brake operating lever screw	29-30-31-32	D-4411 Assembler slide stop screw 4-48 x 1/8"	5-29-30-31-32
D-802 Assembler slide brake operating lever adjusting screw nut 8-32 x 5/16"	5-29-30-31-32	D-4757 Assembler slide, reverse, scale (30 em)	5-29-30-31-32
D-802 Assembler slide clamp adjusting screw nut 8-32 x 5/16"	5-29-30-31-32	D-4758 Assembler slide, reverse, scale (42 em)	29-30-31-32
D-882 Assembler slide scale (30 em)	5-29-30-31-32	D-5197 Assembler slide, reverse, em scale screw 4-48 x 1/8"	5-29-30-31-32
D-1152 Assembler slide bracket pawl spring	5-29-30-31-32	D-5198 Assembler slide (30 em) (small assembler star)	29-31
D-1170 Assembler slide scale (28 cicero)	5-29-30-31-32	D-5199 Assembler slide (30 em) (large assembler star)	29-30-32
D-1227 Assembler slide clamp spring	5-29-30-31-32	D-5200 Assembler slide (42 em) (small assembler star)	29-31
D-1377 Assembler slide brake trip screw	5-29-30-31-32	D-5201 Assembler slide (42 em) (large assembler star)	29-30-32
D-1462 Assembler slide brake operating lever spring	5-29-30-31-32	D-5222 Assembler slide (28 emicero) (small assembler star)	29-31
D-1653 Assembler slide (30 em) (small assembler star)	29-31	D-5223 Assembler slide (40 cicero) (small assembler star)	29-31
D-1656 Assembler slide clamp	5-29-30-31-32	D-5233 Assembler slide (28 cicero) (large assembler star)	29-30-32
D-1657 Assembler slide clamp trigger	5-29-30-31-32	D-5237 Assembler slide (40 cicero) (large assembler star)	29-30-32
D-1658 Assembler slide clamp bracket	5-29-30-31-32	D-5677 Assembler slide, reverse, em scale pointer	5-29-30-31-32
D-1659 Assembler slide clamp, assembled (30 em)	5-29-30-31-32	D-5678 Assembler slide (small assembler star) (30 em)	5-29-31
D-1660 Assembler slide clamp adjusting screw (30 em) 8-32 x 1"	5-29-30-31-32	D-5679 Assembler slide (large assembler star) (30 em)	29-30-32
D-1662 Assembler slide bracket pawl	5-29-30-31-32	D-5680 Assembler slide (42 em) (small assembler star)	29-31
D-1663 Assembler slide bracket pawl screw	5-29-30-31-32	D-5681 Assembler slide (42 em) (large assembler star)	29-30-31-32
D-1722 Assembler slide (28 cicero) (small assembler star)	29-31	D-5686 Assembler slide, reverse, em scale (42 em)	29-30-31-32
D-1723 Assembler slide (didot) clamp	5-29-30-31-32	D-5722 Assembler slide brake operating lever and pointer, assembled	5-29-30-31-32
D-1724 Assembler slide clamp, assembled (28 cicero)	5-29-30-31-32	D-5727 Assembler slide brake operating lever, assembled	5-29-30-31-32
D-1766 Assembler slide brake trip	5-29-30-31-32	D-5988 Assembler slide brake operating lever screw	5-29-30-31-32
D-2172 Assembler slide brake operating lever adjusting screw 8-32 x 13/16"	5-29-30-31-32	E-192 Assembler slide em scale screw 4-48 x 1/8"	5-29-30-31-32
D-2440 Assembler slide stop (42 em)	29-30-31-32	G-139 Assembler slide brake spring hook	5-29-30-31-32
D-2802 Assembler slide (42 em) (small assembler star)	29-31	G-142 Assembler slide, reverse, em scale pointer	5-29-30-31-32
D-2803 Assembler slide scale (42 em)	29-30-31-32	G-167 Assembler slide bracket dowel 1/16" x .439"	5-29-30-31-32
D-2913 Assembler slide clamp, assembled (42 em)	29-30-31-32	G-274 Assembler slide bracket screw 8-32 x 3/8"	5-29-30-31-32
D-2922 Assembler slide (40 cicero) (small assembler star)	29-31	I-788 Assembler slide brake operating lever spring rivet	5-29-30-31-32
D-2923 Assembler slide scale (40 cicero)	29-30-31-32	J-136 Assembler slide clamp pin 1/16" x 1/2"	5-29-30-31-32
D-3067 Assembler slide finger screw 8-32 x 7/16"	5-29-30-31-32	J-136 Assembler slide clamp trigger pin 1/16" x 1/2"	5-29-30-31-32
D-3070 Assembler slide stop (40 cicero) (small assembler slide)	29-31		
D-3072 Assembler slide bracket	5-29-30-31-32		
D-3073 Assembler slide anti-friction roll	5-29-30-31-32		
D-3074 Assembler slide anti-friction roll stud	5-29-30-31-32		
D-3075 Assembler slide bracket, assembled	29-30-31-32		
D-3292 Assembler slide spring, auxiliary, stud	5-29-30-31-32		
D-3374 Assembler slide stop (40 cicero) (large assembler star)	29-30-32		
D-3375 Assembler slide (40 cicero) (large assembler star)	29-30-32		
D-3400 Assembler slide (28 cicero) (large assembler star)	29-30-32		

## Parts Not Illustrated

D-5682 Assembler slide, assembled (30 em) (small assembler star)	5-29-31
D-5683 Assembler slide, assembled (30 em) (large assembler star)	29-30-32
D-5684 Assembler slide, assembled (42 em) (small assembler star)	29-31
D-5685 Assembler slide, assembled (42 em) (large assembler star)	29-30-31-32

Please Give Model and Serial Number When Ordering



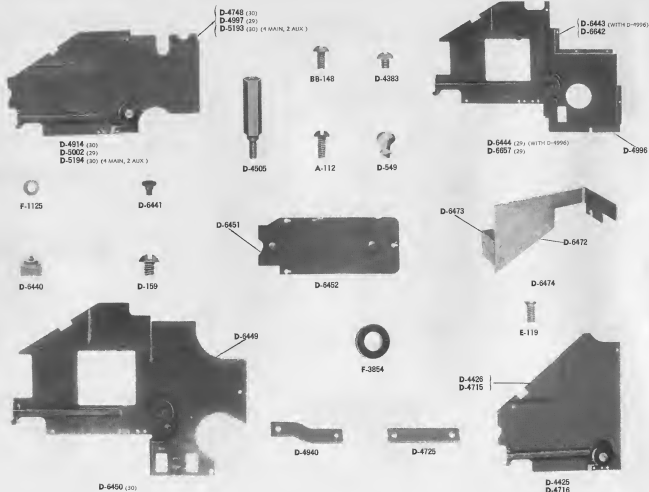
## Assembling Mechanism

## Models 5-29-30-31-32

## Assembler Slide 237

A- 38 Assembler slide roll bracket screw 14-24 x 3/4"	29-30-31-32	D-4540 Assembler slide brake, assembled (with fiber shoe)	5-29-30-31-32
D- 215 Assembler slide brake screw	5-29-30-31-32	D-5212 Assembler slide return spring clip cap	29-30-31-32
D- 218 Assembler slide roll bracket dowel 1/8" x 1/32"	5-29-30-31-32	D-5393 Assembler slide roll bracket and finger, assembled (with D-5394 finger) (42 em)	29-30-31-32
D- 802 Assembler slide release extension screw nut 8-32 x 5/16"	5-29-30-31-32	D-5394 Spaceband buffer finger (42 em)	29-30-31-32
D- 802 Assembler slide release extension hinge stud nut 8-32 x 5/16"	5-29-30-31-32	D-5422 Assembler slide brake facing (fiber)	5-29-30-31-32
D- 983 Assembler slide return spring stud spring	5-29-30-31-32	D-5441 Spaceband buffer finger	29-30-31-32
D-1378 Assembler slide brake spring	5-29-30-31-32	D-5479 Assembler slide return spring extension fastener	5-29-30-31-32
D-1386 Spaceband buffer finger screw	5-29-30-31-32	D-5481 Assembler slide return spring extension and clip, assembled (with woven band)	5-29-30-31-32
D-1459 Assembler slide brake facing (steel)	29-30-31-32	D-5598 Assembler slide return spring extension, assembled	5-29-30-31-32
D-1473 Assembler slide roll bracket (42 em)	29-30-31-32	D-6369 Spaceband buffer finger (30 em)	5-29-30-31-32
D-2954 Assembler slide roll	5-29-30-31-32	D-6658 Spaceband buffer finger screw	5-29-30-31-32
D-3248 Spaceband buffer finger (42 em)	29-30-31-32	E- 42 Assembler slide roll cotter pin	5-29-30-31-32
D-3249 Assembler slide roll bracket and finger, assembled (42 em)	29-30-31-32	E- 192 Assembler slide return spring cover screw 4-48 x 1/8"	5-29-30-31-32
D-3250 Spaceband buffer finger	29-30-31-32	E- 356 Assembler slide return spring extension screw 4-48 x 3/32"	29-30-31-32
D-4351 Assembler slide roll bracket	5-29-30-31-32	E- 356 Assembler slide return spring screw 4-48 x 1/2"	5-29-30-31-32
D-4354 Assembler slide roll bracket and finger, assembled	5-29-30-31-32	E- 523 Assembler slide return spring stud washer	5-29-30-31-32
D-4390 Assembler slide brake	5-29-30-31-32	E-3816 Assembler slide release extension hinge stud lock washer	5-29-30-31-32
D-4427 Assembler slide return spring stud bearing	5-29-30-31-32	F- 717 Assembler slide roll washer	5-29-30-31-32
D-4428 Assembler slide return spring stud post	5-29-30-31-32	F-2445 Assembler slide return spring stud knob lock washer	5-29-30-31-32
D-4429 Assembler slide return spring stud	5-29-30-31-32	F-6155 Assembler slide return spring extension screw 4-48 x 3/16"	5-29-30-31-32
D-4430 Assembler slide return spring drum	5-29-30-31-32	G- 125 Assembler slide brake facing screw 8-48 x 1/2"	5-29-30-31-32
D-4431 Assembler slide return spring	5-29-30-31-32	G-3283 Assembler slide return spring stud lock plate screw 5-40 x 3/16"	5-29-30-31-32
D-4432 Assembler slide return spring stud lock plate	5-29-30-31-32	I- 681 Assembler slide release extension screw 8-32 x 11/16"	5-29-30-31-32
D-4434 Assembler slide return spring extension clip washer	29-30-31-32	J-1228 Assembler slide return spring stud nut lock nut 10-32 x 5/16"	5-29-30-31-32
D-4435 Assembler slide return spring clip	5-29-30-31-32	J-2751 Assembler slide return spring stud bearing rivet	5-29-30-31-32
D-4436 Assembler slide return spring cover	5-29-30-31-32		
D-4437 Assembler slide return spring stud knob	5-29-30-31-32		
D-4495 Assembler slide return spring clip screw 4-48 x .140"	29-30-31-32		
D-4499 Assembler slide release extension finger, assembled	5-29-30-31-32		
D-4502 Assembler slide release extension hinge stud	5-29-30-31-32		

Please Give Model and Serial Number When Ordering

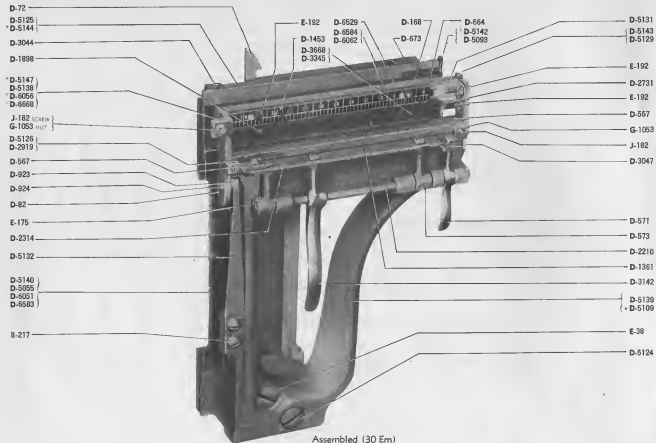


# Assembling Mechanism

## Models 5-29-30-31-32 Face Plate Cover and Assembler Slide 239

A- 112 Face plate frame cover screw 8-32 x 3/8"	29-30	D-5193 Face plate frame cover and assemb. slide return spring stud bearing, assembled (four main and two aux.)	30
BB-148 Face plate frame cover screw 8-32 x 5/16"	29-30-31-32	D-5194 Face plate frame cover and assembler slide return spring, assembled (four main and two auxiliary)	30
BB-148 Face plate frame cover bracket screw 8-32 x 5/16"	29-30	D-6440 Face plate frame cover window cover latch	29-30
D- 159 Face plate frame cover extension screw 8-32 x 3/16"	30	D-6441 Face plate frame cover window cover stud	29-30
D- 159 Face plate frame cover (r.h. section) screw 8-32 x 3/16"	30	D-6443 Face plate frame cover and assembler slide return spring stud bearing, assembled	29
D- 549 Face plate frame cover window cover handle	29-30	D-6444 Face plate frame cover and assembler slide return spring, assembled	29
D-4383 Face plate frame cover screw 8-32 x 3/16"	29-30	D-6449 Face plate frame cover and assembler slide return spring stud bearing, assembled	30
D-4425 Face plate frame cover and assembler slide return spring, assembled	5 31-32	D-6450 Face plate frame cover and assembler slide return spring, assembled	30
D-4426 Face plate frame cover and assembler slide return spring stud bearing, assembled	5 31-32	D-6451 Face plate frame cover window cover	29-30
D-4505 Face plate frame cover stud	5-29-30-31-32	D-6452 Face plate frame cover window cover, assembled	29-30
D-4715 Face plate frame cover and assembler slide return spring stud bearing, assembled (42 em)	31-32	D-6472 Face plate frame cover extension	30
D-4716 Face plate frame cover and assembler slide return spring, assembled (42 em)	31-32	D-6473 Face plate frame cover extension fastening piece	30
D-4725 Face plate frame cover bracket	30	D-6474 Face plate frame cover extension, assembled	30
D-4748 Face plate frame cover and assembler slide return spring stud bearing, assembled	30	D-6642 Face plate frame cover and assembler slide return stud bearing, assembled	29
D-4914 Face plate frame cover and assembler slide return spring, assembled	30	D-6657 Face plate frame cover and assembler slide return spring, assembled	29
D-4940 Face plate frame cover bracket	29	E- 119 Face plate frame cover extension fastening piece screw 8-48 x 1/4"	30
D-4996 Assembler entrance, upper, finger key shift cover, lower, fastening piece, short	29	F-1125 Face plate frame cover window cover latch washer	5-29-30
D-4997 Face plate frame cover and assembler slide return spring stud bearing, assembled	29	F-3854 Face plate screw, r.h., washer	5-29-30-31-32
D-5002 Face plate frame cover and assembler slide return spring, assembled	29		

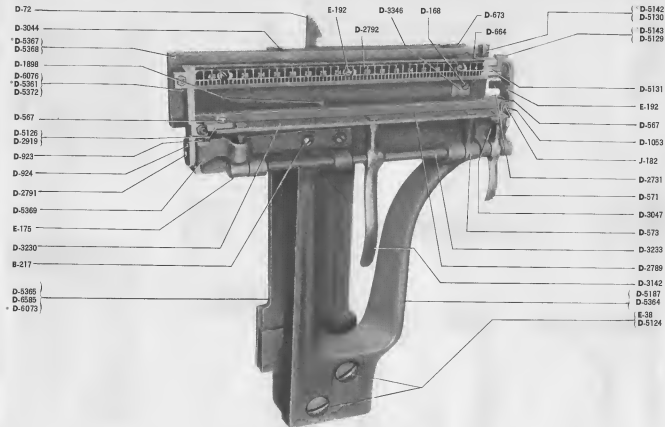
Please Give Model and Serial Number When Ordering



D-5141	} From Serial Number 52397	*D-6065	} From Serial Number 55835
*D-5148		D-6066	
*D-5856	} From Serial Number 53894	D-6660	} From Serial Number 64387
D-5887		D-6661	

\*Small Assembler Stor.

Check Parts by Referring to Detail Pages.



Assembled (42 Em)

\*D-5630  
D-5370

\*D-6679 } From Serial Number 64387  
D-6680 }

\*Small Assembler Star.

\*D-6078 } From Serial Number 55835  
D-6088 }

Check Parts by Referring to Detail Pages.





D-4365



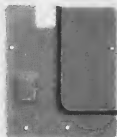
H-353



D-4367



D-4366



D-4413



D-4373



D-4372



E-119



D-4363



D-4364



D-846



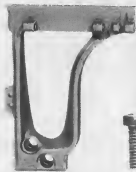
D-4211



\*D-5109 (30 EM)  
D-5107 (42 EM)



D-5124



D-5139 (30 EM)  
D-5364 (42 EM)



E-38



D-3670 (30 EM)  
D-2929 (42 EM)



D-572



\*\*D-5140 (30 EM)  
\*D-5855 (30 EM)  
\*D-6051 (30 EM) (USED WITH RETAINING RAIL D-6584)  
\*\*D-6583 (30 EM) (USED WITH RETAINING RAIL D-6584)  
\*\*D-6365 (42 EM)  
\*\*D-6585 (42 EM) (USED WITH RETAINING RAIL D-6586)  
\*D-6073 (42 EM) (USED WITH RETAINING RAIL D-6586)

\*Small Assembler Stor.  
\*\*Large Assembler Stor.

## Assembling Mechanism

## Models 5-29-30-31-32

## Assembling Elevator 243

D- 572 Assembling elevator dowel 3/16" x 13/16"	29-30
D- 846 Assembling elevator matrix support rail cam screw 8-48 x 5/16"	29-30-31-32
D-2929 Assembling elevator plate, back (42 em)	29-30
D-3670 Assembling elevator plate, back (30 em)	29-30
D-4211 Assembling elevator matrix support rail cam	29-30-31-32
D-4363 Assembling elevator duplex rail, long, finger (30 em) (used with assembling elevator hand stick only)	5-29-30-31-32
D-4364 Assembling elevator hand stick (30 em)	5-29-30-31-32
D-4365 Assembling elevator hand stick jaw, l.h. (30 em)	5-29-30-31-32
D-4366 Assembling elevator hand stick jaw, r.h. (30 em)	5-29-30-31-32
D-4367 Assembling elevator hand stick, assembled (30 em)	5-29-30-31-32
D-4372 Assembling elevator hand stick scale (30 em)	5-29-30-31-32
D-4373 Assembling elevator hand stick scale screw 4-48 x 5/32"	5-29-30-31-32
D-4413 Assembling elevator shield	5-29-30-31-32
D-5109 Assembling elevator plate, front (30 em)	29-30
D-5124 Assembling elevator plate, front, location screw 3/8"-16 x 15/32"	5-29-30-31-32
D-5139 Assembling elevator plate, front (30 em)	5-29-30-31-32
D-5140 Assembling elevator plate, back (30 em) (large assembler star)	5-29-30-31-32
D-5187 Assembling elevator plate, front (42 em)	29-30
D-5364 Assembling elevator plate, front (42 em)	29-30-31-32
D-5365 Assembling elevator plate, back (42 em) (large assembler star)	29-30-31-32
D-5855 Assembling elevator plate, back (small assembler star)	29-30-31-32
D-6051 Assembling elevator plate, back (small assembler star)	5-29-30-31-32
D-6073 Assembling elevator plate, back (42 em) (small assembler star)	29-30-31-32
D-6583 Assembling elevator plate, back (large assembler star)	5-29-30-31-32
D-6585 Assembling elevator plate, back (42 em) (large assembler star)	29-30-31-32
E- 38 Assembling elevator screw 3/8"-18 x 7/8"	5-29-30-31-32
E- 119 Assembling elevator shield screw 8-48 x 1/4"	5-29-30-31-32
H- 353 Assembling elevator hand stick jaw, r.h., screw 8-32 x 3/8"	5-29-30-31-32

## Parts Not Illustrated

D-5113 Assembling elevator, assembled (30 em) (large assembler star)	29-30
D-5114 Assembling elevator, assembled (30 em) (small assembler star)	29
D-5141 Assembling elevator, assembled (30 em) (large assembler star) from serial No. 52397	29-30-31-32
D-5148 Assembling elevator, assembled (30 em) (small assembler star) from serial No. 52397	29 31
D-5185 Assembling elevator, assembled (42 em) (large assembler star) from serial No. 51244	29-30
D-5189 Assembling elevator, assembled (42 em) (small assembler star) from serial No. 51244	29
D-5360 Assembling elevator, assembled (42 em) (small assembler star) from serial No. 52397	29 31
D-5370 Assembling elevator, assembled (42 em) (large assembler star) from serial No. 52397	29-30-31-32
D-5856 Assembling elevator, assembled (30 em) (small assembler star) from serial No. 53894	29 31
D-5887 Assembling elevator, assembled (30 em) (large assembler star) from serial No. 53894	29-30 32
D-6065 Assembling elevator, assembled (30 em) (small assembler star) from serial No. 55835	5-29 31
D-6066 Assembling elevator, assembled (30 em) (large assembler star) from serial No. 55835	29-30 32
D-6078 Assembling elevator, assembled (42 em) (small assembler star) from serial No. 54889	29 31
D-6088 Assembling elevator, assembled (42 em) (large assembler star) from serial No. 55835	29-30 32
D-6660 Assembling elevator, assembled (30 em) (small assembler star) from serial No. 64387	5-29 31
D-6661 Assembling elevator, assembled (30 em) (large assembler star) from serial No. 64387	29-30 32
D-6679 Assembling elevator, assembled (42 em) (small assembler star) from serial No. 64387	29 31
D-6680 Assembling elevator, assembled (42 em) (large assembler star) from serial No. 64387	29-30 32

Please Give Model and Serial Number When Ordering



D-570



D-664



D-3287



\*D-5524 (30 EM)  
 \*\*D-5525 (30 EM)  
 \*D-5526 (42 EM)  
 \*\*D-5527 (42 EM)



D-924



D-6064



D-6083



D-5132



D-922



D-5131



\*\*D-5138 (30 EM)  
 \*D-5147 (30 EM)  
 \*D-5361 (42 EM)  
 \*\*D-5372 (42 EM)



D-923



D-120



G-1053



D-5112 (30 EM)  
 D-5186 (42 EM)



A-112



\*\*D-6052 (30 EM)  
 \*D-6056 (30 EM)  
 \*\*D-6064 (30 EM) (FROM SERIAL NO. 64387)  
 \*D-6668 (30 EM) (FROM SERIAL NO. 64387)  
 \*D-6076 (42 EM)  
 \*\*D-6081 (42 EM)



B-217



D-3231 (42 EM)



D-6068



D-3831



E-192



D-2731



\*D-4216  
 \*\*D-4222



\*D-663  
 \*\*D-2422



\*\*D-5129  
 \*D-5143



D-3852



D-6530 (42 EM)



D-6529 (30 EM)



D-1453 (30 EM)  
 D-1454 (28 C/CERO)  
 D-2792 (42 EM)  
 D-2924 (30 C/CERO)

D- 82 (30 EM)  
 D-2791 (42 EM)

\*Small Assembler Stor.  
 \*\*Large Assembler Stor.

## Assembling Mechanism

## Models 5-29-30-31-32

## Assembling Elevator 245

A- 112 Assembling elevator gate hinge rod screw 8-32 x 3/8"	5-29-30-31-32	D-5361 Assembling elevator gate and stop pin, assembled (42 em) (small assembler star)	29 31
B- 217 Assembling elevator gate spring screw 8-32 x 1/4"	5-29-30-31-32	D-5369 Assembling elevator gate spring (42 em)	29-30-31-32
D- 82 Assembling elevator gate hinge rod (30 em)	5-29-30-31-32	D-5372 Assembling elevator gate and stop pin, assembled (42 em) (large assembler star)	29-30-31-32
D- 120 Assembling elevator em scale screw 4-48 x .145"	5-29-30-31-32	D-5524 Assembling elevator gate, assembled (30 em)	29 31
D- 570 Assembling elevator gate banking pin	29-30	D-5525 Assembling elevator gate, assembled (30 em)	29-30-31-32
D- 663 Assembling elevator gate pawl (42 em) (small assembler star)	29	D-5526 Assembling elevator gate, assembled (42 em)	29 31
D- 664 Assembling elevator gate pawl hinge pin .069" x 3/8"	5-29-30-31-32	D-5527 Assembling elevator gate, assembled (42 em)	29-30-31-32
D- 922 Assembling elevator gate spring (30 em)	29-30	D-6052 Assembling elevator gate and stop pin, assembled (large assembler star)	29-30 32
D- 923 Assembling elevator gate spring roll	5-29-30-31-32	D-6056 Assembling elevator gate and stop pin, assembled (90 character) (small assembler star)	5-29 31
D- 924 Assembling elevator gate spring roll stud	5-29-30-31-32	D-6064 Assembling elevator gate operating cam adjusting screw 4-48 x 9/84"	5-29-30-31-32
D-1453 Assembling elevator scale (30 em)	5-29-30-31-32	D-6068 Assembling elevator gate operating cam	5-29-30-31-32
D-1454 Assembling elevator scale (28 cicero)	29-30-31-32	D-6076 Assembling elevator gate and stop pin, assembled (90 character) (small assembler star)	29 31
D-2422 Assembling elevator gate pawl (42 em) (large assembler star)	29-30	D-6081 Assembling elevator gate and stop pin, assembled (large assembler star)	29-30 32
D-2731 Assembling elevator gate matrix fender	29-30-31-32	D-6083 Assembling elevator gate operating cam	29-30-31-32
D-2791 Assembling elevator gate hinge rod (42 em)	29-30-31-32	D-6529 Assembling elevator gate em scale strip	5-29-30-31-32
D-2792 Assembling elevator scale (42 em)	29-30-31-32	D-6530 Assembling elevator gate em scale strip	29-30-31-32
D-2924 Assembling elevator scale (40 cicero)	29-30-31-32	D-6664 Assembling elevator gate and stop pin, assembled (large assembler star)	29-30 32
D-3231 Assembling elevator gate spring (42 em)	29-30	D-6668 Assembling elevator gate and stop pin, assembled (90 character) (small assembler star)	5-29 31
D-3287 Assembling elevator gate handle	5-29-30-31-32	E- 192 Assembling elevator scale screw 4-48 x 1/8"	5-29-30-31-32
D-3831 Assembling elevator gate pawl spring	29-30	E- 192 Assembling elevator gate matrix fender screw 4-48 x 1/8"	5-29-30-31-32
D-3852 Assembling elevator gate matrix fender	5-29-30-31-32	E- 192 Assembling elevator gate pawl spring screw 4-48 x 1/8"	5-29-30-31-32
D-4218 Assembling elevator gate pawl (30 em) (small assembler star)	29	G-1053 Assembling elevator gate stop adjusting screw lock nut 4-48 x 2/18"	5-29-30-31-32
D-4222 Assembling elevator gate pawl (30 em) (large assembler star)	29-30	G-1053 Assembling elevator gate operating cam adjusting screw lock nut 4-48 x 3/16"	5-29-30-31-32
D-5112 Assembling elevator gate and stop pin, assembled (30 em)	29-30	J- 182 Assembling elevator gate stop adjusting screw 4-48 x 3/16"	5-29-30-31-32
D-5129 Assembling elevator gate pawl (large assembler star)	29-30-31-32		
D-5131 Assembling elevator gate pawl spring	5-29-30-31-32		
D-5132 Assembling elevator gate spring (30 em)	5-29-30-31-32		
D-5138 Assembling elevator gate and stop pin, assembled (30 em) (large assembler star)	29-30-31-32		
D-5143 Assembling elevator gate pawl (small assembler star)	5-29 31		
D-5147 Assembling elevator gate and stop pin, assembled (30 em) (small assembler star)	29 31		
D-5186 Assembling elevator gate and stop pin, assembled (42 em)	29-30		

Please Give Model and Serial Number When Ordering



D-8082



D-6063



J-794



D-6586 (42 EM)



D-6584



D-85



B-96



D-8077 (42 EM)



D-3664



D-4212



D-3663



D-3665



D-946



D-72



D-1898



D-3669



D-74



D-5597



D-670



\* D-5550 (42 EM) (ASSEMBLED)  
 \*\* D-5551 (42 EM) (ASSEMBLED)



\*\* D-5130  
 \* D-5142



\* D-5548 (ASSEMBLED)  
 \*\* D-5549 (ASSEMBLED)



\* D-5367 (42 EM)  
 \*\* D-5368 (42 EM)



D-3044



\* D-672 (42 EM)  
 \*\* D-2423 (42 EM)



D-102



D-4225



D-2790 (42 EM)



D-673



\* D-4217  
 \*\* D-4221



D-80



\*\* D-5125  
 \* D-5144

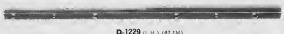
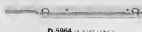
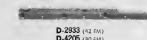
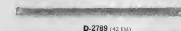
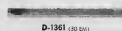
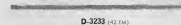
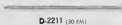
## Assembling Mechanism

## Models 5-29-30-31-32

## Assembling Elevator 247

8- 96	Assembling elevator latch spring screw 4-48 x 1/4"	5-29-30-31-32	D-4217	Assembling elevator back rail pawl (30 em) (small assembler star)	29
8- 96	Assembling elevator matrix retaining rail screw (30 em) 4-48 x 1/4"	5-29-30-31-32	D-4221	Assembling elevator back rail pawl (30 em) (large assembler star)	29-30
8- 96	Assembling elevator gate separating cam screw (42 em) 4-48 x 1/4"	29-30-31-32	D-4225	Assembling elevator back rail (30 em)	29-30
D- 72	Assembling elevator latch	5-29-30-31-32	D-5125	Assembling elevator back rail (30 em) (large assembler star)	29-30-31-32
D- 74	Assembling elevator latch spring	5-29-30-31-32	D-5130	Assembling elevator back rail pawl (large assembler star)	29-30-31-32
D- 80	Assembling elevator back rail pawl spring	5-29-30-31-32	D-5142	Assembling elevator back rail pawl (small assembler star)	5-29 31
D- 85	Assembling elevator matrix retaining rail screw (42 em) 4-48 x 3/16"	5-29-30-31-32	D-5144	Assembling elevator back rail (30 em) (small assembler star)	5-29 31
D- 102	Assembling elevator back rail pawl stop pin 1/16" x 3/16"	5-29-30-31-32	D-5367	Assembling elevator back rail (42 em) (small assembler star)	29 31
D- 670	Assembling elevator em scale sliding pointer	29-30-31-32	D-5368	Assembling elevator back rail (42 em) (large assembler star)	29-30-31-32
D- 672	Assembling elevator back rail pawl (42 em) (small assembler star)	29	D-5548	Assembling elevator back rail, assembled (30 em)	29 31
D- 673	Assembling elevator back rail hinge pin	5-29-30-31-32	D-5549	Assembling elevator back rail, assembled (30 em)	29-30-31-32
D- 846	Assembling elevator matrix support rail spring block screw (30 em) 8-48 x 5/16"	29-30-31-32	D-5550	Assembling elevator back rail, assembled (42 em)	29 31
D-1898	Assembling elevator latch screw (42 em)	5-29-30-31-32	D-5551	Assembling elevator back rail, assembled (42 em)	29-30-31-32
D-2423	Assembling elevator back rail pawl (42 em) (large assembler star)	29-30	D-5597	Assembling elevator em scale sliding pointer spacer	29-30-31-32
D-2790	Assembling elevator back rail (42 em)	29-30	D-6062	Assembling elevator matrix retaining rail	5-29-30-31-32
D-3044	Assembling elevator back rail screw 8-32 x 11/32"	5-29-30-31-32	D-6063	Assembling elevator matrix retaining rail screw, l.h. 4-48 x 19/64"	5-29-30-31-32
D-3663	Assembling elevator matrix support rail (30 em)	29-30-31-32	D-6077	Assembling elevator matrix retaining rail (42 em)	29-30-31-32
D-3664	Assembling elevator matrix support rail spring (30 em)	29-30-31-32	D-6584	Assembling elevator matrix retaining rail	5-29-30-31-32
D-3665	Assembling elevator matrix support rail spring block (30 em)	29-30-31-32	D-6586	Assembling elevator matrix retaining rail (42 em)	5-29-30-31-32
D-3669	Assembling elevator latch screw (30 em)	29-30-31-32	J- 794	Assembling elevator matrix retaining rail screw 4-48 x 3/8"	5-29-30-31-32
D-4212	Assembling elevator matrix support rail spring retaining pin (30 em)	29-30-31-32			

Please Give Model and Serial Number When Ordering



# Assembling Mechanism

# Models 5-29-30-31-32

# Assembling Elevator 249

BB-148	Assembling elevator gib, r.h., screw 8-32 x 5/16"	5-29-30-31-32
C-471	Assembling elevator duplex rail, long, ball	5-29-30-31-32
C-471	Assembling elevator duplex rail, short, ball	5-29-30-31-32
D-34	Assembling elevator gib, l.h., screw 8-32 x 1/2"	5-29-30-31-32
D-85	Assembling elevator matrix detaining plate, front, screw 4-48 x 3/16"	5-29-30-31-32
D-86	Assembling elevator gib, l.h., screw (42 em) 8-32 x 9/32"	29-30-31-32
D-87	Delivery slide releasing wire	29-30-31-32
D-88	Delivery slide releasing wire bushing	29-30-31-32
D-93	Assembling elevator gib, l.h. (30 em)	5-29-30-31-32
D-97	Assembling elevator stop	5-29-30-31-32
D-100	Assembling elevator matrix detaining plate, back (small assembler star)	5-29 31
D-101	Assembling elevator matrix detaining plate, front, screw 4-48 x 3/16"	29-30
D-102	Assembling elevator matrix buffer, front, dowel 1/18" x 3/16"	5-29-30-31-32
D-168	Assembling elevator matrix buffer, front, screw 4-48 x 1/4"	5-29-30-31-32
D-168	Assembling elevator matrix buffer, upper section, back, screw 4-48 x 1/4"	5-29-30-31-32
D-168	Assembling elevator matrix buffer, back, screw 4-48 x 1/4"	5-29-30-31-32
D-526	Assembling elevator matrix detaining plate, back, screw 4-48 x 3/16"	5-29-30-31-32
D-567	Assembling elevator duplex rail cap, screw 4-48 x 11/32"	5-29-30-31-32
D-567	Auxiliary line safety lever cam screw 4-48 x 11/32"	5-29-30-31-32
D-568	Assembling elevator duplex rail guide plate	5-29-30-31-32
D-571	Assembling elevator duplex rail, short, lever	5-29-30-31-32
D-572	Assembling elevator duplex rail, short, lever fulcrum pin 3/16" x 13/16"	5-29-30-31-32
D-573	Assembling elevator duplex rail, long, lever	5-29-30-31-32
D-601	Assembling elevator gib, r.h. and l.h., dowel 1/8" x 13/32"	5-29-30-31-32
D-646	Assembling elevator matrix buffer, front	5-29-30-31-32
D-715	Assembling elevator stop bar banking plate, dowel 3/32" x 7/32"	5-29-30-31-32
D-1049	Assembling elevator duplex rail, long, finger	5-29-30-31-32
D-1229	Assembling elevator gib, l.h. (42 em)	29-30-31-32
D-1361	Assembling elevator duplex rail cap (30 em)	5-29-30-31-32
D-2210	Assembling elevator duplex rail, long, lever rod (30 em)	5-29-30-31-32
D-2211	Assembling elevator duplex rail, long, lever rod, assembled (30 em)	5-29-30-31-32
D-2314	Assembling elevator duplex rail, long (30 em)	5-29-30-31-32
D-2317	Assembling elevator duplex rail, long, spring	5-29-30-31-32
D-2317	Assembling elevator duplex rail, short, spring	5-29-30-31-32

D-2340	Assembling elevator gib, r.h.	5-29-30-31-32
D-2789	Assembling elevator duplex rail cap (42 em)	29-30-31-32
D-2819	Assembling elevator stop bar banking plate (42 em)	29-30-31-32
D-2919	Auxiliary line safety lever cam	29-30
D-2933	Assembling elevator stop bar (42 em)	29-30-31-32
D-2934	Assembling elevator stop bar screw 8-32 x 5/8"	29-30-31-32
D-2935	Assembling elevator stop bar, assembled (42 em)	29-30-31-32
D-3047	Assembling elevator duplex rail, short	5-29-30-31-32
D-3142	Assembling elevator duplex rail, long, operating lever	5-29-30-31-32
D-3230	Assembling elevator duplex rail, long (42 em)	29-30-31-32
D-3233	Assembling elevator duplex rail, long, lever rod (42 em)	29-30-31-32
D-3234	Assembling elevator duplex rail, long, lever rod, assembled (42 em)	29-30-31-32
D-3345	Assembling elevator matrix buffer, back	5-29-30-31-32
D-3346	Assembling elevator matrix buffer, back (42 em)	29-30-31-32
D-3621	Assembling elevator matrix detaining plate, back (large assembler star)	29-30-31-32
D-3666	Assembling elevator matrix buffer, lower section, back (30 em)	29-30-31-32
D-3667	Assembling elevator matrix buffer, lower section, back, screw (30 em) 2-64 x .1883"	29-30-31-32
D-3668	Assembling elevator matrix buffer, upper section, back (30 em)	29-30-31-32
D-4205	Assembling elevator stop bar (30 em)	5-29-30-31-32
D-4206	Assembling elevator stop bar banking plate (30 em)	5-29-30-31-32
D-4207	Assembling elevator stop bar, assembled (30 em)	5-29-30-31-32
D-4363	Assembling elevator duplex rail, long, finger (30 em) (used with assembling elevator hand stick only)	29-30-31-32
D-4381	Delivery slide releasing wire adjusting screw 8-32 x 3/8"	5-29-30-31-32
D-5126	Auxiliary line safety lever cam	5-29-30-31-32
D-5556	Assembling elevator matrix detaining plate, front (small assembler star)	5-29 31
D-5559	Assembling elevator matrix detaining plate, front (large assembler star)	29-30-31-32
D-5964	Assembling elevator gib, r.h.	5-29-30-31-32
E-175	Assembling elevator duplex rail, long, lever pin 1/16" x 7/16"	5-29-30-31-32
E-192	Assembling elevator stop bar banking plate, screw 4-48 x 1/8"	5-29-30-31-32
E-466	Assembling elevator matrix buffer, lower section, back pin (30 em) 1/16" x 1/4"	29-30-31-32
E-1126	Assembling elevator stop bar screw 8-32 x 7/16"	29-30-31-32
G-1053	Assembling elevator duplex rail, long, finger screw nut 4-48 x 3/16"	5-29-30-31-32
H-1932	Assembling elevator stop bar dowel .125" x 5/8"	5-29-30-31-32

Please Give Model and Serial Number When Ordering





BB-478



BB-480



BB-479



G-119



BB-47



BB-433



BB-434



BB-423



H-375



BB-713



BB-221



D-5392



H- 374  
H-3959

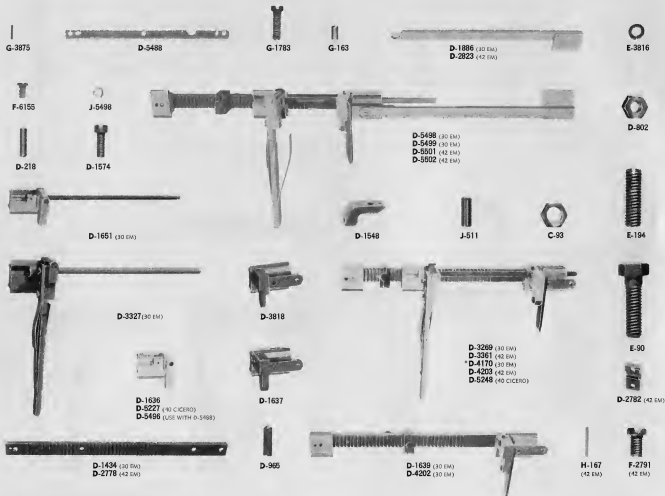


H-139

**Assembling Mechanism****Models 5-29-30-31-32****Assembling Elevator Lever 251**

BB-47	Assembling elevator lever handle pin 1/4" x 1 3/8"	5-29-30-31-32	BB-480	Assembling elevator lever, assembled	5-29-30-31-32
BB-47	Assembling elevator lever pin 1/4" x 1 3/8"	5-29-30-31-32	BB-713	Assembling elevator lever shaft sleeve	5-29-30-31-32
BB-221	Assembling elevator counterbalance spring hook nut 10-28 x 5/16"	29-30-31-32	D-5392	Assembling elevator lever link	5-29-30-31-32
BB-423	Assembling elevator lever handle	5-29-30-31-32	G-119	Assembling elevator lever link retaining spring screw 6-48 x 1/4"	5-29-30-31-32
BB-433	Assembling elevator lever bushing	5-29-30-31-32	H-139	Assembling elevator lever link screw, lower	5-29-30-31-32
BB-433	Assembling elevator lever handle bushing	5-29-30-31-32	H-374	Assembling elevator counterbalance spring	29-30-31-32
BB-434	Assembling elevator lever shaft	5-29-30-31-32	H-375	Assembling elevator counterbalance spring hook	29-30-31-32
BB-478	Assembling elevator lever	5-29-30-31-32	H-3959	Assembling elevator counterbalance spring	5-29-30-31-32
BB-479	Assembling elevator lever link retaining spring	5-29-30-31-32			

Please Give Model and Serial Number When Ordering



\*Specify when Six-Pocket Mold Disk is used.

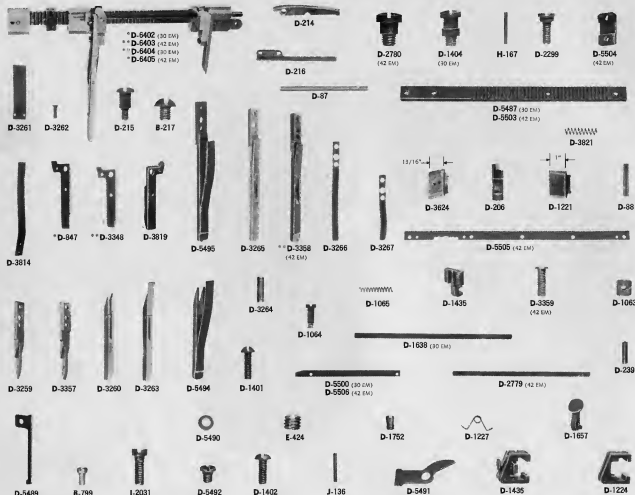
# Assembling Mechanism

# Models 5-29-30-31-32

# Delivery Slide 253

C- 93	Delivery slide stop adjusting screw check nut 3/8"-18 x 1/2"	5-29-30-31-32	D-5248	Delivery slide, assembled (40 cicero) (small assembler star)	29 31
D- 218	Delivery pawl stop pin 1/8" x 1/2"	5-29-30-31-32	D-5488	Delivery slide long finger block locking rack	5-29-30-31-32
D- 802	Assembling elevator releasing bar screw nut 8-32 x 5/16"	5-29-30-31-32	D-5496	Delivery slide long finger block	5-29-30-31-32
D- 965	Delivery slide bar dowel 5/32" x 1/2"	5-29-30-31-32	D-5498	Delivery slide and assembling elevator releasing bar, assembled (30 em) (large assembler star)	29-30 32
D-1434	Delivery slide bar (30 em)	29-30-31-32	D-5499	Delivery slide and assembling elevator releasing bar, assembled (small assembler star)	29 31
D-1548	Delivery slide stop	5-29-30-31-32	D-5501	Delivery slide and assembling elevator releasing bar, assembled (42 em) (large assembler star)	29-30 32
D-1574	Delivery slide bar screw 10-32 x 1/2"	5-29-30-31-32	D-5502	Delivery slide and assembling elevator releasing bar, assembled (42 em) (small assembler star)	29 31
D-1636	Delivery slide long finger block	29-30-31-32	E- 90	Delivery slide stop screw 3/8"-16 x 1 1/4"	5-29-30-31-32
D-1637	Delivery slide short finger block	5-29-30-31-32	E- 194	Delivery slide stop adjusting screw 3/8"-16 x 1 3/16"	5-29-30-31-32
D-1639	Delivery slide short finger and block, assembled (30 em) (large assembler star)	29-30-31-32	E-3816	Assembling elevator releasing bar screw lock washer	5-29-30-31-32
D-1651	Delivery slide long finger block, assembled (30 em)	29-30-31-32	F-2791	Delivery slide bar extension screw (42 em) 1/4"-24 x 3/8"	29-30-31-32
D-1886	Assembling elevator releasing bar, assembled (30 em)	5-29-30-31-32	F-6155	Delivery slide long finger block locking rack screw 4-48 x 3/16"	5-29-30-31-32
D-2778	Delivery slide bar (42 em)	29-30-31-32	G- 163	Delivery slide long finger block locking rack dowel 3/32" x .190"	5-29-30-31-32
D-2782	Delivery slide bar extension (42 em)	29-30-31-32	G-1783	Delivery slide long finger block locking pawl operating cam screw 6-32 x 1/2"	29-30-31-32
D-2823	Assembling elevator releasing bar, assembled (42 em)	29-30-31-32	G-3875	Delivery slide long finger block locking pawl stud pin .041" x 1/4"	29-30-31-32
D-3269	Delivery slide, assembled (30 em) (large assembler star)	29-30-31-32	H- 167	Delivery slide bar extension screw pin (42 em) 1/16" x 5/8"	29-30-31-32
D-3327	Delivery slide long finger and block, assembled (30 em)	29-30-31-32	J- 511	Delivery slide stop dowel 3/16" x 1/2"	5-29-30-31-32
D-3361	Delivery slide, assembled (42 em) (large assembler star)	29-30-31-32	J-5498	Delivery slide long finger block locking pawl actuating spring screw lock washer	5-29-30-31-32
D-3818	Delivery slide short finger block	29-30-31-32			
D-4170	Delivery slide, assembled (30 em) (small assembler star)	29 31			
D-4202	Delivery slide short finger and block, assembled (30 em) (small assembler star)	29 31			
D-4203	Delivery slide, assembled (42 em) (small assembler star)	29 31			
D-5227	Delivery slide long finger block (40 cicero) (small assembler star)	29 31			

Please Give Model and Serial Number When Ordering



\*Small Assembler Star.  
 \*\*Large Assembler Star.

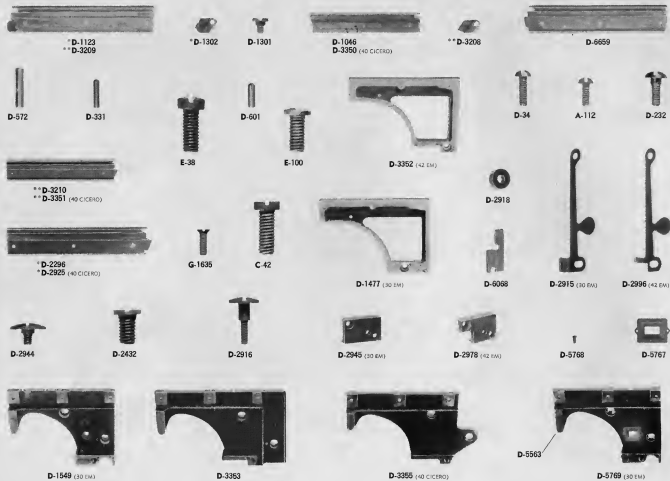
# Assembling Mechanism

# Models 5-29-30-31-32

# Delivery Slide 255

8- 217	Delivery pawl spring screw 8-32 x 1/4"	29-30-31-32	D-3358	Delivery slide long finger, assembled (42 em) (large assembler star)	29-30-31-32
8- 799	Delivery slide, long, finger locking pawl actuating spring screw 4-48 x 3/16"	5-29-30-31-32	D-3359	Delivery slide long finger screw (42 em) 10-32 x 9/16" (large assembler star)	29-30-31-32
D- 87	Delivery slide releasing wire	5-29-30-31-32	D-3624	Delivery slide head	5-29-30-31-32
D- 88	Delivery slide releasing wire bushing	5-29-30-31-32	D-3814	Delivery slide long finger matrix retaining spring	29-30-31-32
D- 206	Delivery slide releasing pin	5-29-30-31-32	D-3819	Delivery slide short finger	29-30-31-32
D- 214	Delivery pawl	5-29-30-31-32	D-3821	Delivery slide long finger friction spring	5-29-30-31-32
D- 215	Delivery pawl screw	5-29-30-31-32	D-5487	Delivery slide bar	5-29-30-31-32
D- 216	Delivery pawl spring	5-29-30-31-32	D-5489	Delivery slide long finger block locking pawl actuating spring	5-29-30-31-32
D- 239	Delivery slide rod pin 3/32" x 3/8"	5-29-30-31-32	D-5490	Delivery slide long finger block locking pawl actuating spring spacer	5-29-30-31-32
D- 847	Delivery slide short finger (small assembler star)	5-29 31	D-5491	Delivery slide long finger block locking pawl	5-29-30-31-32
D-1063	Delivery slide long finger friction	5-29-30-31-32	D-5492	Delivery slide long finger block locking pawl stud	5-29-30-31-32
D-1064	Delivery slide long finger friction screw	5-29-30-31-32	D-5494	Delivery slide long finger, lower, assembled	29-30-31-32
D-1085	Delivery slide long finger friction spring	5-29-30-31-32	D-5495	Delivery slide long finger, assembled	29-30-31-32
D-1221	Delivery slide head	29-30-31-32	D-5500	Delivery slide long finger block locking pawl operating cam	5-29-30-31-32
D-1224	Delivery slide clamp bracket	5-29-30-31-32	D-5503	Delivery slide bar (42 em)	29-30-31-32
D-1227	Delivery slide clamp spring	5-29-30-31-32	D-5504	Delivery slide bar extension (42 em)	29-30-31-32
D-1401	Delivery slide short finger screw, long 8-32 x 9/16"	5-29-30-31-32	D-5505	Delivery slide long finger block locking rack (42 em)	29-30-31-32
D-1402	Delivery slide short finger screw, short 8-32 x 7/16"	5-29-30-31-32	D-5506	Delivery slide long finger block locking pawl operating cam (42 em)	29-30-31-32
D-1404	Delivery lever link screw (30 em)	5-29-30-31-32	D-6402	Delivery slide, assembled (30 em) (small assembler star)	5-29 31
D-1435	Delivery slide clamp	5-29-30-31-32	D-6403	Delivery slide, assembled (42 em) (large assembler star)	29-30-31-32
D-1436	Delivery slide clamp, assembled	5-29-30-31-32	D-6404	Delivery slide, assembled (30 em) (large assembler star)	29-30-31-32
D-1638	Delivery slide rod (30 em)	5-29-30-31-32	D-6405	Delivery slide, assembled (42 em) (small assembler star)	29 31
D-1657	Delivery slide clamp trigger	5-29-30-31-32	E- 424	Delivery slide long finger friction spring screw 1/4"-24 x 13/64"	5-29-30-31-32
D-1752	Delivery slide long finger stop screw 4-48 x .200"	29-30-31-32	H- 167	Delivery lever link screw pin 1/16" x 5/8"	5-29-30-31-32
D-2299	Assembling elevator releasing bar screw	5-29-30-31-32	I-2031	Delivery slide long finger screw (30 em) 10-32 x 1/2"	5-29-30-31-32
D-2779	Delivery slide rod (42 em)	29-30-31-32	J- 136	Delivery slide clamp pin 1/16" x 1/2"	5-29-30-31-32
D-2780	Delivery lever link screw (42 em)	29-30-31-32	J- 136	Delivery slide clamp trigger pin 1/16" x 1/2"	5-29-30-31-32
D-3259	Delivery slide long finger, upper	5-29-30-31-32			
D-3260	Delivery slide long finger, lower	5-29-30-31-32			
D-3261	Delivery slide matrix straightening spring	5-29-30-31-32			
D-3262	Delivery slide matrix straightening spring rivet	5-29-30-31-32			
D-3263	Delivery slide long finger, lower, assembled	5-29-30-31-32			
D-3264	Delivery slide long finger pin 1/8" x 7/16"	5-29-30-31-32			
D-3265	Delivery slide long finger, assembled	5-29-30-31-32			
D-3266	Delivery slide long finger spring, long	5-29-30-31-32			
D-3267	Delivery slide long finger spring, short	5-29-30-31-32			
D-3348	Delivery slide short finger (large assembler star)	29-30-31-32			
D-3357	Delivery slide long finger, upper (42 em) (large assembler star)	29-30-31-32			

Please Give Model and Serial Number When Ordering



# Assembling Mechanism

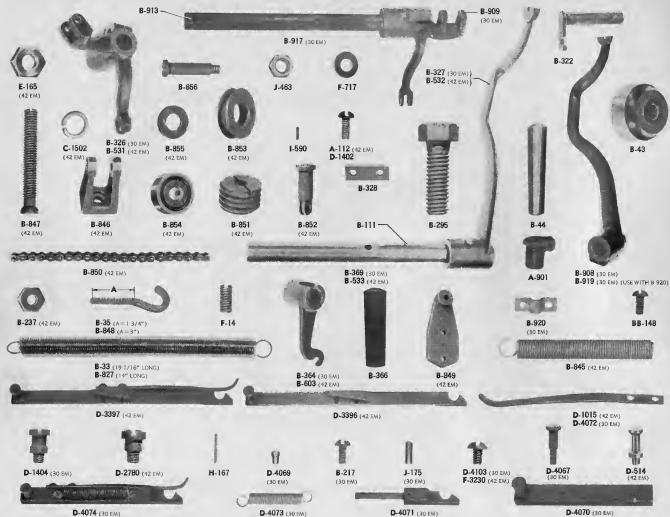
# Models 5-29-30-31-32

# Delivery Chunnel 257

A- 112	Delivery channel, back, rail screw 8-32 x 3/8"	5-29-30-31-32	D-5563	Delivery channel plate, back (30 cm)	5-29-30-31-32
C- 42	Delivery channel plate, front, screw (42 cm) 3/8"-16 x 7/8"	29-30-31-32	D-5767	Delivery channel plate, back, scale sight	5-29-30-31-32
D- 34	Delivery channel, front, rail screw 8-32 x 1/2"	5-29-30-31-32	D-5768	Delivery channel plate, back, scale sight drive screw	5-29-30-31-32
D- 232	Mold disk shield support screw	29-30-31-32	D-5769	Delivery channel plate, back, assembled	5-29-30-31-32
D- 331	Delivery channel dowel (30 cm) 1/8" x 9/16"	5-29-30-31-32	D-6068	Assembling elevator gate operating cam	5-29-30-31-32
D- 331	Delivery channel dowel, long (42 cm) 1/8" x 9/16"	29-30-31-32	D-6659	Delivery channel, front, rail	5-29-30-31-32
D- 572	Delivery channel plate, front, dowel 3/16" x 13/16"	5-29-30-31-32	E- 38	Delivery channel plate, front, screw 3/8"-16 x 7/8"	5-29-30-31-32
D- 601	Delivery channel dowel, short (42 cm) 1/8" x 13/32"	29-30-31-32	E- 100	Delivery channel screw (30 cm) 3/8"-16 x 3/4"	5-29-30-31-32
D-1046	Delivery channel, front, rail	5-29-30-31-32	E- 100	Delivery channel screw, long (42 cm) 3/8"-16 x 3/4"	29-30-31-32
D-1123	Delivery channel, front, rail, assembled (small assembler star)	5-29 31	G-1635	Auxiliary line safety lever screw, lower, bracket screw 6-48 x 7/16"	5-29-30-31-32
D-1301	Delivery channel aligning piece screw	5-29-30-31-32	<u>Parts Not Illustrated</u>		
D-1302	Delivery channel aligning piece (small assembler star)	5-29-30-31-32	D-2949	Delivery channel, assembled (30 cm) (small assembler star) to serial No. 53001	29 31
D-1477	Delivery channel plate, front (30 cm)	5-29-30-31-32	D-2951	Delivery channel, assembled (42 cm) (small assembler star) to serial No. 55934	29 31
D-1549	Delivery channel plate, back (30 cm)	29-30-31-32	D-3211	Delivery channel, assembled (30 cm) (large assembler star) to serial No. 53001	29-30-31-32
D-2296	Delivery channel, back, rail (small assembler star)	5-29 31	D-3354	Delivery channel, assembled (42 cm) (large assembler star) to serial No. 55364	29-30-31-32
D-2432	Delivery channel screw, short (42 cm) 3/8"-16 x 19/32"	29-30-31-32	D-3356	Delivery channel, assembled (40 cicero) (large assembler star)	29-30-31-32
D-2915	Auxiliary line safety lever (30 cm)	5-29-30-31-32	D-5572	Delivery channel, assembled (30 cm) (small assembler star) from serial No. 53002 to serial No. 55934	29-30-31-32
D-2916	Auxiliary line safety lever screw, upper	5-29-30-31-32	D-5574	Delivery channel, assembled (30 cm) (large assembler star) from serial No. 53002 to serial No. 55634	29-30-31-32
D-2918	Auxiliary line safety lever spacer	5-29-30-31-32	D-6406	Delivery channel, assembled (42 cm) (small assembler star) from serial No. 55835 to serial No. 64385	29 31
D-2925	Delivery channel, back, rail (40 cicero) (small assembler star)	29 31	D-6407	Delivery channel, assembled (42 cm) (large assembler star) from serial No. 55635 to serial No. 64386	29-30 32
D-2944	Auxiliary line safety lever screw, lower	29-30-31-32	D-6408	Delivery channel, assembled (small assembler star) from serial No. 55835 to serial No.	5-29 31
D-2945	Auxiliary line safety lever screw, lower, bracket (30 cm)	5-29-30-31-32	D-6410	Delivery channel, assembled, from serial No. 55835	5-29-30-31-32
D-2978	Auxiliary line safety lever screw, lower, bracket (42 cm)	29-30-31-32	D-6686	Delivery channel, assembled (42 cm) (small assembler star) from serial No. 64387 to serial No.	20 31
D-2996	Auxiliary line safety lever (42 cm)	29-30-31-32	D-6687	Delivery channel, assembled (42 cm) (large assembler star) from serial No. 64387	29-30-31-32
D-3208	Delivery channel aligning piece (large assembler star)	29-30-31-32			
D-3209	Delivery channel, front, rail, assembled (large assembler star)	29-30 32			
D-3210	Delivery channel, back, rail (large assembler star)	5-29-30-31-32			
D-3350	Delivery channel, front, rail (40 cicero)	29-30-31-32			
D-3351	Delivery channel, back, rail (40 cicero) (large assembler star)	29-30-31			
D-3352	Delivery channel plate, front (42 cm)	29-30-31-32			
D-3353	Delivery channel plate, back (42 cm)	29-30-31-32			
D-3355	Delivery channel plate, back (40 cicero)	29-30-31			

Please Give Model and Serial Number When Ordering





# Assembling Mechanism

# Models 5-29-30-31-32

# Delivery Lever 259

A- 112	Delivery lever plate screw 8-32 x 3/8"	5-29-30-31-32	B- 913	Delivery lever cam roll arm shaft	5-29-30-31-32
A- 901	Delivery lever shaft oil hole cover	5-29-30-31-32	B- 917	Delivery lever cam roll arm and shaft, assembled (30 em)	5-29-30-31-32
B- 33	Delivery lever spring	29-30	B- 919	Delivery lever (30 em)	5-29-30-31-32
B- 35	Delivery lever spring hook	5-29-30-31-32	B- 920	Delivery lever bushing (30 em)	5-29-30-31-32
B- 43	Delivery cam roll	5-29-30-31-32	B6-148	Delivery cam roll pin screw 8-32 x 5/16"	5-29-30-31-32
B- 44	Delivery lever pin .539" x 2 5/16"	5-29-30-31-32	C-1502	Delivery lever spring pulley bracket screw lock washer (42 em)	31-32
B- 111	Delivery lever shaft	5-29-30-31-32	D- 514	Delivery lever link stud (42 em)	29-30-31-32
B- 217	Delivery lever link, L.h., section, return spring screw (30 em) 8-32 x 1/4"	5-29-30-31-32	D-1015	Delivery lever link spring (42 em)	29-30-31-32
B- 237	Delivery lever spring hook nut (42 em) 1/4"-24 x 1/2"	31-32	D-1402	Delivery lever plate screw (30 em) 8-32 x 3/8"	5-29-30-31-32
B- 295	Delivery lever cam roll arm clamping screw 1/2"-12 x 1 1/2"	5-29-30-31-32	D-1404	Delivery lever link screw (30 em)	29-30-31-32
B- 322	Delivery cam roll pin, assembled	5-29-30-31-32	D-2780	Delivery lever link screw (42 em)	29-30-31-32
B- 326	Delivery lever cam roll arm (30 em)	5-29-30-31-32	D-3396	Delivery lever link and stud, assembled (42 em)	29-30-31-32
B- 327	Delivery lever (30 em)	5-29-30-31-32	D-3397	Delivery lever link, assembled (42 em)	29-30-31-32
B- 328	Delivery lever plate	5-29-30-31-32	D-4067	Delivery lever link stud (30 em)	5-29-30-31-32
B- 364	Delivery lever spring arm (30 em)	5-29-30-31-32	D-4069	Delivery lever link spring stop pin (30 em)	5-29-30-31-32
B- 366	Delivery lever spring arm pin .539" x 1 3/4"	5-29-30-31-32	D-4070	Delivery lever link and stud, r.h. section, assembled (30 em)	5-29-30-31-32
B- 369	Delivery lever and shaft, assembled (30 em)	5-29-30-31-32	D-4071	Delivery lever link, L.h. section (30 em)	5-29-30-31-32
B- 531	Delivery lever cam roll arm (42 em)	29-30-31-32	D-4072	Delivery lever link spring (30 em)	5-29-30-31-32
B- 532	Delivery lever (42 em)	29-30-31-32	D-4073	Delivery lever link, L.h. section, return spring (30 em)	5-29-30-31-32
B- 533	Delivery lever and shaft, assembled (42 em)	29-30-31-32	D-4074	Delivery lever link, assembled (30 em)	5-29-30-31-32
B- 603	Delivery lever spring arm (42 em)	29-30-31-32	D-4103	Delivery lever link spring screw (30 em) 10-24 x 1/4"	5-29-30-31-32
B- 627	Delivery lever spring (30 em)	5	E- 165	Delivery lever spring pulley bracket nut (42 em) 3/8"-16 x 5/8"	31-32
B- 645	Delivery lever spring (42 em)	31-32	F- 14	Delivery lever spring hook bracket screw (42 em) 1/4"-24 x 1/2"	31-32
B- 646	Delivery lever spring pulley bracket	31-32	F- 717	Delivery lever spring pulley screw washer (42 em)	31-32
B- 647	Delivery lever spring pulley bracket screw (42 em)	31-32	F-3230	Delivery lever link spring screw (42 em) 10-24 x 1/4"	29-30-31-32
B- 648	Delivery lever spring hook (42 em)	31-32	H- 167	Delivery lever link screw pin 1/16" x 5/8"	29-30-31-32
B- 649	Delivery lever spring hook bracket (42 em)	31-32	I- 590	Delivery lever spring chain plug stud rivet (42 em)	31-32
B- 850	Delivery lever spring chain (42 em)	31-32	J- 175	Delivery lever link, L.h. section, guide pin (30 em) 1/8" x 3/8"	5-29-30-31-32
B- 851	Delivery lever spring screw plug (42 em)	31-32	J- 463	Delivery lever spring pulley screw nut (42 em) 1/4"-24 x 3/8"	31-32
B- 852	Delivery lever spring chain plug stud (42 em)	31-32			
B- 853	Delivery lever spring pulley (42 em)	31-32			
B- 854	Delivery lever spring pulley ball bearing (42 em)	31-32			
B- 855	Delivery lever spring pulley ball bearing spacing washer (42 em)	31-32			
B- 856	Delivery lever spring pulley screw (42 em)	31-32			
B- 908	Delivery lever (30 em)	5-29-30-31-32			
B- 909	Delivery lever cam roll arm (30 em)	5-29-30-31-32			

## Parts Not Illustrated

B- 857	Delivery lever spring pulley, assembled (42 em)	31-32
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Please Give Model and Serial Number When Ordering



D-1889



D-1890



D-692



D-693



D-691

D-1891 (WITH D-699)  
D-4574 (WITH D-4573)

D-1888

D-696 (A=2 1/2")  
D-4572 (A=11")

B-217



D-697

D-699 (WITH D-696)  
D-4573 (WITH D-4572)

B-3325



B-96



E-403



D-698



D-694

**Assembling Mechanism****Models 5-29-30-31-32****Delivery Air Cushion Cylinder 261**

<b>8- 96</b> Delivery air cushion piston packing ring screw 4-48 x 1/4"	5-29-30-31-32	<b>D- 699</b> Delivery air cushion piston, assembled	29-30
<b>8- 217</b> Delivery air cushion vent screw 8-32 x 1/4"	5-29-30-31-32	<b>D-1888</b> Delivery air cushion cylinder	5-29-30-31-32
<b>D- 691</b> Delivery air cushion piston	5-29-30-31-32	<b>D-1889</b> Delivery air cushion cylinder screw 3/8"-16 x 3/4"	5-29-30-31-32
<b>D- 692</b> Delivery air cushion piston packing	5-29-30-31-32	<b>D-1890</b> Delivery air cushion cylinder screw washer	5-29-30-31-32
<b>D- 693</b> Delivery air cushion piston packing ring	5-29-30-31-32	<b>D-1891</b> Delivery air cushion cylinder and piston, assembled	29-30
<b>D- 694</b> Delivery air cushion piston valve	5-29-30-31-32	<b>D-3325</b> Delivery air cushion vent	5-29-30-31-32
<b>D- 696</b> Delivery air cushion piston link	29-30	<b>D-4572</b> Delivery air cushion piston link	5 31-32
<b>D- 697</b> Delivery air cushion piston link hinge pin 1/4" x 2 7/16"	5-29-30-31-32	<b>D-4573</b> Delivery air cushion piston, assembled	5 31-32
<b>D- 698</b> Delivery air cushion piston link hinge pin collar	5-29-30-31-32	<b>D-4574</b> Delivery air cushion cylinder and piston, assembled	5 31-32
		<b>E- 403</b> Delivery air cushion piston link fulcrum screw	5-29-30-31-32

**Please Give Model and Serial Number When Ordering**



D-2262 (30 EM)  
D-2809 (42 EM)



D-2333 (30 EM)  
D-2807 (42 EM)

D-430

E-240

D-150

D-156

D-331

D-99



D-2159



D-2332 (30 EM)  
D-2806 (42 EM)



D-2927



D-601



D-1806



G-3999



D-107



E-90



F-7847



D-148 (30 EM)  
D-2808 (42 EM)



D-154



D-153



BB-148



G-910



8-237



D-582



D-583



D-584

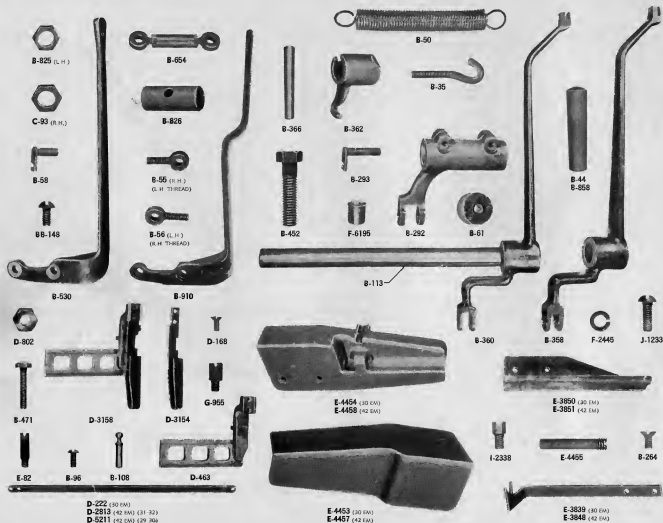
## Distributing Mechanism

## Models 5-29-30-31-32

## First Elevator Slide Guide 263

B- 237 Elevator transfer slide releasing lever adjusting screw nut 1/4"-24 x 1/2"	29-30-31-32	D-1806 First elevator slide guide screw 3/8"-18 x 2"	5-29-30-31-32
88-148 Elevator transfer slide releasing lever hinge pin screw 8-32 x 5/16"	5-29-30-31-32	D-1806 Intermediate bar screw 3/8"-16 x 2"	5-29-30-31-32
D- 99 First elevator slide guide adjusting screw 8-32 x 3/8"	5-29-30-31-32	D-2159 First elevator slide guide	5-29-30-31-32
D- 107 First elevator slide guide adjusting strip screw washer	29-30-31-32	D-2262 First elevator slide guide, assembled (30 em)	5-29-30-31-32
D- 107 Intermediate bar screw washer	5-29-30-31-32	D-2327 Intermediate bar facing	5-29-30-31-32
D- 107 First elevator slide guide screw washer	5-29-30-31-32	D-2332 Intermediate bar (30 em)	5-29-30-31-32
D- 107 First elevator slide guide adjusting strip screw washer	5-29-30-31-32	D-2333 Intermediate bar, assembled (30 em)	5-29-30-31-32
D- 148 Elevator transfer slide releasing lever (30 em)	5-29-30-31-32	D-2806 Intermediate bar (42 em)	29-30-31-32
D- 150 Intermediate bar pawl	5-29-30-31-32	D-2807 Intermediate bar, assembled (42 em)	29-30-31-32
D- 153 Elevator transfer slide releasing lever hinge pin, assembled	5-29-30-31-32	D-2808 Elevator transfer slide releasing lever (42 em)	29-30-31-32
D- 154 Elevator transfer slide releasing lever spring	5-29-30-31-32	D-2809 First elevator slide guide, assembled (42 em)	29-30-31-32
D- 156 Intermediate bar adjusting screw 8-32 x 7/8"	5-29-30-31-32	E- 90 First elevator slide guide adjusting strip screw 3/8"-16 x 1 1/4"	5-29-30-31-32
D- 331 Elevator transfer slide releasing lever guide pin 1/8" x 9/16"	5-29-30-31-32	E- 240 Intermediate bar pawl pin, upper 1/16" x 3/8"	5-29-30-31-32
D- 430 Intermediate bar pawl pin, lower 1/16" x 3/8"	5-29-30-31-32	F-7847 First elevator jaw binding screw lock washer	29-30-31-32
D- 582 First elevator slide guide adjusting strip	5-29-30-31-32	G- 910 Elevator transfer slide releasing lever adjusting screw 1/4"-24 x 1 3/4"	5-29-30-31-32
D- 583 First elevator jaw duplex rail lever operating block	5-29-30-31-32	G-3999 First elevator slide guide screw lock washer	5-29-30-31-32
D- 584 First elevator jaw duplex rail lever operating block screw 1/4"-24 x 1/2"	5-29-30-31-32	G-3999 First elevator slide guide adjusting strip screw lock washer	5-29-30-31-32
D- 601 Intermediate bar facing dowel 1/8" x 13/32"	5-29-30-31-32	G-3999 First elevator slide gib screw lock washer	29-30-31-32
		G-3999 Intermediate bar screw lock washer	5-29-30-31-32

Please Give Model and Serial Number When Ordering



## Distributing Mechanism

## Models 5-29-30-31-32 Elevator Transfer and Spaceband Levers 265

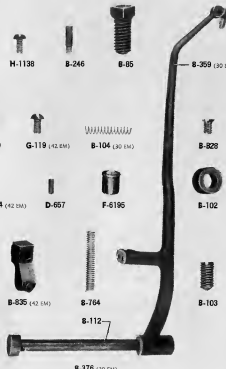
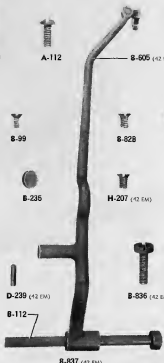
B- 35 Elevator transfer lever spring hook	5-29-30-31-32	C- 93 Spaceband lever turnbuckle eyebolt, r.h., lock nut 3/8"-18 x 1/2"	5-29-30-31-32
B- 44 Elevator transfer lever pin .538" x 2 5/16"	5-29-30-31-32	D- 166 Elevator transfer slide finger screw 4-48 x 1/4"	5-29-30-31-32
B- 50 Elevator transfer lever spring	5-29-30-31-32	D- 222 Elevator transfer slide link (30 em)	5-29-30-31-32
B- 55 Spaceband lever turnbuckle eyebolt, r.h.	5-29-30-31-32	D- 463 Elevator transfer slide, assembled (mention if "Self-Quadder" is used)	5-29-30-31-32
B- 56 Spaceband lever turnbuckle eyebolt, l.h.	5-29-30-31-32	D- 802 Elevator transfer slide adjusting screw nut 8-32 x 5/16"	5-29-30-31-32
B- 58 Spaceband lever turnbuckle eyebolt, l.h., hinge pin, assembled	5-29-30-31-32	D-2813 Elevator transfer slide link (42 em)	31-32
B- 58 Spaceband lever turnbuckle eyebolt, r.h., hinge pin, assembled	5-29-30-31-32	D-3154 Elevator transfer slide finger, assembled	5-29-30-31-32
B- 61 Elevator transfer cam roll	29-30-31-32	D-3158 Elevator transfer slide and finger, assembled (mention if "Self-Quadder" is used)	5-29-30-31-32
B- 96 Elevator transfer slide link hinge pin set screw 4-48 x 1/4"	5-29-30-31-32	D-5211 Elevator transfer slide link (42 em)	29-30
B- 108 Elevator transfer slide link hinge pin	5-29-30-31-32	E- 82 Elevator transfer slide link hinge screw	5-29-30-31-32
B- 113 Elevator transfer lever shaft	5-29-30-31-32	E-3839 First elevator jaw line stop transfer rod (30 em)	5-29-30-31-32
B- 264 First elevator jaw line stop transfer rod screw 8-32 x 5/16"	5-29-30-31-32	E-3848 First elevator jaw line stop transfer rod (42 em)	5-29-30-31-32
B- 292 Elevator transfer cam roll lever	5-29-30-31-32	E-3850 First elevator jaw line stop transfer rod guard (30 em)	29-30-31-32
B- 293 Elevator transfer cam roll pin, assembled	5-29-30-31-32	E-3851 First elevator jaw line stop transfer rod guard (42 em)	29-30-31-32
B- 358 Elevator transfer lever	5-29-30-31-32	E-4453 First elevator jaw line stop transfer rod cover (30 em)	5-29-30-31-32
B- 360 Elevator transfer lever, assembled	5-29-30-31-32	E-4454 First elevator jaw line stop transfer rod guard (30 em)	5-29-30-31-32
B- 362 Elevator transfer lever spring arm	5-29-30-31-32	E-4455 First elevator jaw line stop transfer rod cover hinge pin	5-29-30-31-32
B- 366 Elevator transfer lever spring arm pin .538" x 1 3/4"	5-29-30-31-32	E-4457 First elevator jaw line stop transfer rod cover (42 em)	29-30-31-32
B- 452 Elevator transfer cam roll lever clamping screw 1/2"-12 x 2"	5-29-30-31-32	E-4458 First elevator jaw line stop transfer rod guard (42 em)	29-30-31-32
B- 471 Elevator transfer slide adjusting screw 8-32 x 7/8"	5-29-30-31-32	F-2445 First elevator jaw line stop transfer rod guard screw lock washer	29-30-31-32
B- 530 Spaceband lever operating handle	5-29-30-31-32	F-6195 Elevator transfer lever shaft oil hole cover	5
B- 654 Spaceband lever turnbuckle, assembled	5-29-30-31-32	G- 955 Elevator transfer slide banking screw	5-29-30-31-32
B- 825 Spaceband lever turnbuckle eyebolt, l.h., check nut 3/8"-18 x 1/8"	5-29-30-31-32	I-2338 First elevator jaw line stop transfer rod cover screw	29-30-31-32
B- 826 Spaceband lever turnbuckle	5-29-30-31-32	J-1233 First elevator jaw line stop transfer rod guard screw 10-32 x 1/2"	5-29-30-31-32
B- 858 Elevator transfer lever pin .538" x 2"	5-29-30-31-32		
B- 910 Spaceband lever operating handle (30 em)	5-29-30-31-32		
B8-148 Spaceband lever turnbuckle eyebolt, l.h., hinge pin screw 8-32 x 5/16"	5-29-30-31-32		
B8-148 Spaceband lever turnbuckle eyebolt, r.h., hinge pin screw 8-32 x 5/16"	5-29-30-31-32		
B8-148 Elevator transfer cam roll pin screw 8-32 x 5/16"	5-29-30-31-32		
B8-148 First elevator jaw line stop transfer rod screw 8-32 x 5/16"	29-30-31-32		

## Parts Not Illustrated

E-4456 First elevator jaw line stop transfer rod guard, assembled, from serial No. 53323	5-29-30-31-32
E-4459 First elevator jaw line stop transfer rod guard, assembled (42 em) from serial No. 53323	29-30-31-32

Please Give Model and Serial Number When Ordering





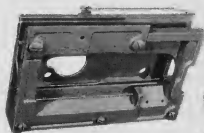
## Distributing Mechanism

## Models 5-29-30-31-32

## Spaceband Levers 267

A- 112 Spaceband lever pawl hinge bushing set screw (30 em) 8-32 x 3/8"	5-29-30-31-32	B- 763 Spaceband lever pawl spring rod (42 em) 2" long	29-30-31-32
B- 85 Spaceband lever set screw 3/8"-16 x 3/4"	5-29-30-31-32	B- 764 Spaceband lever pawl spring (42 em) 2 5/8" long	29-30-31-32
B- 99 Spaceband lever pawl screw (42 em) 8-32 x 3/8"	29-30-31-32	B- 787 Spaceband lever pawl guide (30 em)	29-30-31-32
B- 100 Spaceband lever pawl hinge pin (30 em) 5/32" x .860"	5-29-30-31-32	B- 798 Spaceband lever pawl guide (42 em)	29-30-31-32
B- 101 Spaceband lever pawl hinge bushing (30 em)	5-29-30-31-32	B- 799 Spaceband lever pawl guide screw (42 em) 4-48 x 3/16"	29-30-31-32
B- 102 Spaceband lever shaft collar	5-29-30-31-32	B- 800 Spaceband lever pawl, assembled (42 em)	29-30-31-32
B- 103 Spaceband lever shaft collar set screw 1/4"-24 x 1/2"	5-29-30-31-32	B- 828 Spaceband lever pawl guide piece screw (30 em) 8-32 x 3/8"	5-29-30-31-32
B- 104 Spaceband lever pawl spring (30 em)	5-29-30-31-32	B- 828 Spaceband lever pawl screw (42 em) 8-32 x 3/8"	29-30-31-32
B- 112 Spaceband lever shaft	5-29-30-31-32	B- 834 Spaceband lever pawl spring rod guide (42 em)	29-30-31-32
B- 234 Spaceband lever buffer washer, assembled	5-29-30-31-32	B- 835 Spaceband lever pawl bracket (42 em)	29-30-31-32
B- 235 Spaceband lever buffer	5-29-30-31-32	B- 836 Spaceband lever pawl bracket screw (42 em) 10-32 x 11/16"	29-30-31-32
B- 243 Spaceband lever pawl (30 em)	5-29-30-31-32	B- 837 Spaceband lever, assembled (42 em)	29-30-31-32
B- 244 Spaceband lever pawl guide piece (30 em)	5-29-30-31-32	B- 859 Spaceband lever pawl guide (30 em)	5-29-30-31-32
B- 246 Spaceband lever pawl guide screw (30 em)	5-29-30-31-32	B- 888 Spaceband lever pawl, assembled (30 em)	5-29-30-31-32
B- 247 Spaceband lever pawl, assembled (30 em)	5-29-30-31-32	B- 889 Spaceband lever pawl	5-29-30-31-32
B- 359 Spaceband lever (30 em)	5-29-30-31-32	D- 239 Spaceband lever pawl guide piece dowel (42 em) 3/32" x 3/8"	29-30-31-32
B- 376 Spaceband lever, assembled (30 em)	5-29-30-31-32	D- 657 Spaceband lever pawl spring rod guide dowel (42 em) 3/32" x 1/4"	29-30-31-32
B- 605 Spaceband lever (42 em)	29-30-31-32	E-4691 Spaceband lever pawl guide screw lock washer	5-29-30-31-32
B- 606 Spaceband lever pawl bracket (42 em)	31-32	F-6195 Spaceband lever shaft oil hole cover	5-29-30-31-32
B- 607 Spaceband lever pawl hinge pin (42 em) 5/32" x .860"	29-30-31-32	G- 119 Spaceband lever pawl hinge pin set screw (42 em) 8-48 x 1/4"	29-30-31-32
B- 610 Spaceband lever pawl guide piece (42 em)	29-30-31-32	H- 207 Spaceband lever pawl spring rod guide screw (42 em) 8-32 x 1/4"	29-30-31-32
B- 611 Spaceband lever pawl, assembled (42 em)	29-30-31-32	H-1138 Spaceband lever pawl guide screw (30 em) 5-40 x 1/4"	5-29-30-31-32
B- 612 Spaceband lever pawl spring rod (42 em) 3 1/4" long	31-32		
B- 613 Spaceband lever pawl spring (42 em) 3 5/8" long	31-32		
B- 614 Spaceband lever pawl spring rod washer (42 em)	29-30-31-32		
B- 615 Spaceband lever pawl bracket screw (42 em) 10-32 x 1 3/16"	31-32		

Please Give Model and Serial Number When Ordering



D-6691 (30 EM)



D-717



D-141



D-327



D-31



D-331



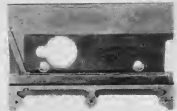
D-2622 (30 EM)



D-3045 (42 EM)



D-3341 (42 EM)



D-6690 (30 EM)



D-3333



D-3220



D-168



D-3219



D-3046 (42 EM)



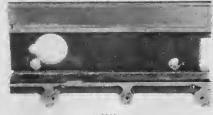
D-3147 (30 EM)



D-3146



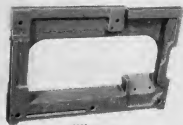
D-3145



D-3340 (42 EM)



D-4158 (42 EM)



D-6688 (30 EM)



G-397



D-3149 (42 EM)

D-4159 (42 EM)



E-168



D-401



B-806 (42 EM)



B-805 (42 EM)



D-3338 (42 EM)



B-843



B-788



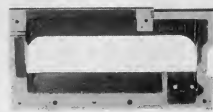
G-2790 (42 EM)



B-802 (42 EM)



B-804 (42 EM)



B-803 (42 EM)



B-842 (30 EM)

## Distributing Mechanism

## Models 5-29-30-31-32

## Intermediate Channel 269

B- 788 Spaceband lever pawl guide rail bearing screw (for first type guide rail)	29-30-31-32	D-3146 Intermediate channel front plate extension screw 1/4"-24 x 1/2"	5-29-30-31-32
B- 802 Spaceband lever pawl guide rail spring hook, upper (42 em)	29-30-31-32	D-3147 Intermediate channel front plate extension (30 em)	5-29-30-31-32
B- 803 Spaceband lever pawl guide rail, assembled (42 em)	29-30-31-32	D-3149 Intermediate channel front plate extension (42 em)	29-30-31-32
B- 804 Spaceband lever pawl guide rail spring (42 em)	29-30-31-32	D-3219 Intermediate channel matrix vertical aligning spring	5-29-30-31-32
B- 805 Spaceband lever pawl guide rail screw (42 em)	29-30-31-32	D-3220 Intermediate channel matrix vertical aligning piece gib	5-29-30-31-32
B- 806 Spaceband lever pawl guide rail stop stud (42 em)	29-30-31-32	D-3333 Intermediate channel matrix vertical aligning piece	5-29-30-31-32
B- 842 Spaceband lever pawl guide rail, assembled (30 em)	5-29-30-31-32	D-3338 Intermediate channel front plate (42 em)	29-30-31-32
B- 843 Spaceband lever pawl guide rail bearing screw	5-29-30-31-32	D-3340 Intermediate channel back plate, assembled (42 em)	29-30-31-32
D- 31 Intermediate channel back plate screw 3/8"-16 x 3/4"	5-29-30-31-32	D-3341 Intermediate channel front and back plate, assembled (42 em)	29-30-31-32
D- 141 Intermediate channel front plate screw, short 1/4"-24 x 1"	5-29-30-31-32	D-4158 Intermediate channel spaceband friction guide (42 em)	29-30-31-32
D- 145 Intermediate channel spaceband rail pin 1/8" x 5/8"	5-29-30-31-32	D-4159 Intermediate channel spaceband friction guide screw (42 em)	29-30-31-32
D- 168 Intermediate channel matrix vertical aligning piece gib screw 4-48 x 1/4"	5-29-30-31-32	D-6688 Intermediate channel front plate (30 em)	5-29-30-31-32
D- 327 Intermediate channel front piece dowel 1/8" x 7/8"	5-29-30-31-32	D-6690 Intermediate channel back plate, assembled (30 em)	5-29-30-31-32
D- 331 Intermediate channel back plate dowel 1/8" x 9/16"	5-29-30-31-32	D-6691 Intermediate channel front and back plate, assembled	5-29-30-31-32
D- 401 Spaceband lever pawl stop pin (30 em) 1/8" x 7/16"	5-29-30-31-32	E- 168 Spaceband lever pawl guide rail rest pin (30 em) 1/8" x 1/2"	5-29-30-31-32
D- 717 Intermediate channel front plate screw, long 1/4"-24 x 1 3/16"	5-29-30-31-32	G- 397 Intermediate channel front plate extension dowel 1/8" x 11/32"	5-29-30-31-32
D-2622 Intermediate channel spaceband rail (30 em)	5-29-30-31-32	G-2790 Spaceband lever pawl guide rail spring hook, lower (42 em)	29-30-31-32
D-3045 Intermediate channel spaceband rail (42 em)	29-30-31-32		
D-3046 Intermediate channel spaceband friction spring (42 em)	29-30-31-32		
D-3145 Intermediate channel front plate extension screw bushing	5-29-30-31-32		

Please Give Model and Serial Number When Ordering



A-863



A-864

D-3289 (42 EW)  
D-4341 (42 EW)

G-131

D-3288 (30 EW)  
D-4283 (30 EW)

D-717



D-1804



F-7847



D-5247



D-1587



D-34



D-3061



D-3062



D-3053



G-932



D-3080



D-386



D-3063



D-3055



D-3058



D-3057



D-3056

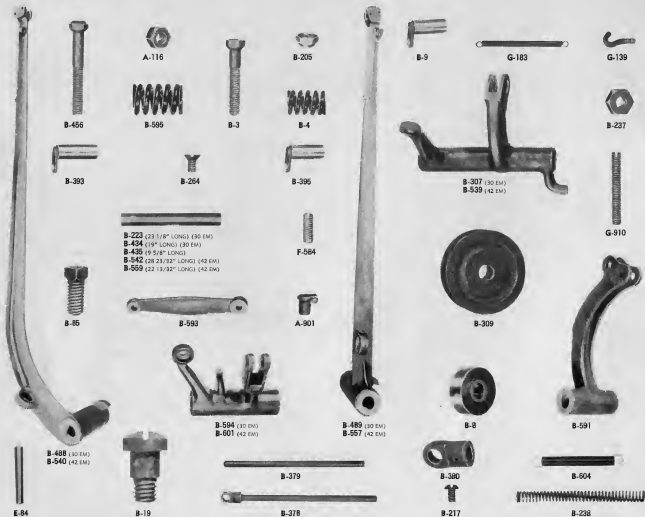
## Distributing Mechanism

## Models 5-29-30-31-32

## Intermediate Channel 271

A- 863	Spaceband instruction plate	5-29-30-31-32	D-3061	Electric light holder bracket	29-30-31-32
A- 864	Spaceband instruction plate screw 4-48 x 1/4"	5-29-30-31-32	D-3062	Electric light holder and bracket, complete	5-29-30-31-32
D- 34	Electric light holder bracket screw 8-32 x 1/2"	5-29-30-31-32	D-3063	Electric light holder bracket bushing	29-30-31-32
D- 386	Electric light holder bracket washer	5-29-30-31-32	D-3080	Electric light holder extension, assembled	29-30-31-32
D- 717	Intermediate channel front plate		D-3288	Quad box (30 em)	5-29-30-31-32
	screw, long 1/4"-24 x 3/16"	29-30-31-32	D-3289	Quad box (42 em)	29-30-31-32
D-1587	Second elevator guide, lower	5 31-32	D-4283	Quad box (30 em) (for use with combination hand stick)	29-30-31-32
D-1804	Second elevator guide, lower	29-30	D-4341	Quad box (42 em) (for use with combination hand stick)	29-30-31-32
D-3053	Electric light holder bushing	29-30-31-32	D-5247	Second elevator guide, lower screw 1/4"-24 x 5/8"	5-29-30-31-32
D-3055	Electric light holder screw	29-30-31-32	F-7847	Second elevator guide, lower screw lock washer	5
D-3056	Electric light holder screw washer	29-30-31-32	G- 131	Quad box screw (42 em) 1/4"-24 x 1/4"	29-30-31-32
D-3057	Electric light holder screw thumb nut	29-30-31-32	G- 932	Electric light holder extension set screw 8-32 x 1/8"	29-30-31-32
D-3058	Electric light holder, complete	29-30-31-32			

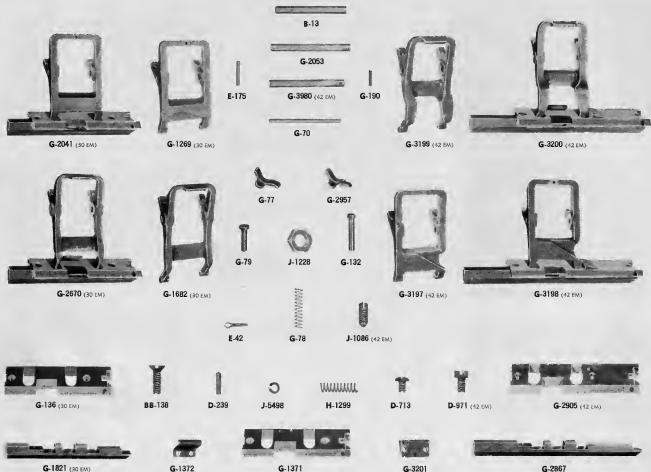
Please Give Model and Serial Number When Ordering



A- 116	Second elevator lever adjusting bolt nut 1/2"-12 x 7/8"	5-29-30-31-32	B- 435	Second elevator cam lever shaft	29-30
A- 901	Second elevator lever bracket oil hole cover	29-30	B- 456	Second elevator lever adjusting bolt	29-30
A- 901	Second elevator cam lever oil hole cover	29-30	B- 488	Second elevator lever (30 em)	5 31-32
A- 901	Second elevator lever link oil hole cover	29-30	B- 489	Second elevator lever (30 em)	29-30
A- 901	Second elevator lever bracket shaft oil hole cover	5-29-30-31-32	B- 539	Second elevator cam lever (42 em)	31-32
B- 3	Second elevator lever adjusting bolt 1/2"-12 x 25/32"	5 31-32	B- 540	Second elevator lever (42 em)	31-32
B- 4	Second elevator lever adjusting spring	5 31-32	B- 542	Second elevator lever bracket shaft (42 em)	29-30-31-32
B- 8	Second elevator cam roll	29-30	B- 557	Second elevator lever (42 em)	29-30
B- 9	Second elevator cam roll pin, assembled	5 31-32	B- 559	Second elevator lever shaft (42 em)	29-30
B- 19	Second elevator starting spring bolt hinge screw	5 31-32	B- 591	Second elevator cam lever	29-30
B- 85	Second elevator lever set screw 3/8"-16 x 3/4"	5-29-30-31-32	B- 593	Second elevator lever link	29-30
B- 205	Second elevator lever adjusting bolt check nut	5-29-30-31-32	B- 594	Second elevator lever link lever (30 em)	29-30
B- 217	Second elevator adjusting spring screw 8-32 x 1/4"	5-29-30-31-32	B- 595	Second elevator lever adjusting spring	29-30
B- 223	Second elevator lever shaft (30 em)	5 31-32	B- 601	Second elevator lever link lever (42 em)	29-30
B- 223	Second elevator lever bracket shaft (30 em)	29-30	B- 604	Second elevator starting spring	29-30
B- 237	Elevator transfer slide releasing lever adjusting screw nut 1/4"-24 x 1/2"	5-29-30-31-32	E- 84	Second elevator starting spring bolt pin 3/16" x 1 3/16"	31-32
B- 238	Second elevator starting spring	5 31-32	F- 584	Second elevator cam lever shaft set screw 1/4"-24 x 19/32"	29-30
B- 264	Second elevator cam roll pin screw 8-32 x 5/16"	5-29-30-31-32	F- 584	Second elevator lever bracket shaft set screw 1/4"-24 x 19/32"	29-30
B- 264	Second elevator lever link pin screw 8-32 x 5/16"	5 31-32	G- 139	Second elevator adjusting spring hook	5-29-30-31-32
B- 307	Second elevator cam lever (30 em)	5 31-32	G- 183	Second elevator adjusting spring	5-29-30-31-32
B- 309	Second elevator cam roll	5 31-32	G- 910	Elevator transfer slide releasing lever adjusting screw 1/4"-24 x 1 3/4"	29-30-31-32
B- 378	Second elevator starting spring bolt, assembled	5 31-32	Parts Not Illustrated		
B- 379	Second elevator starting spring bolt	5 31-32			
B- 380	Second elevator starting spring bolt cap	5 31-32	B- 592	Second elevator lever bracket (30 em)	29-30
B- 393	Second elevator lever link pin, long, assembled	29-30	B- 600	Second elevator lever bracket (42 em)	29-30
B- 395	Second elevator cam roll pin, assembled	29-30			
B- 395	Second elevator lever link pin, short, assembled	29-30			
B- 434	Second elevator lever shaft (30 em)	29-30			

Please Give Model and Serial Number When Ordering





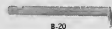
## Distributing Mechanism

## Models 5-29-30-31-32

## Second Elevator 275

B- 13	Second elevator bar link stop pin 1/4" x 2 3/8"	5-29-30-31-32	G-1821	Second elevator bar (30 em)	5-29-30-31-32
BB-138	Second elevator bar plate screw 8-32 x 1/2"	5-29-30-31-32	G-2041	Second elevator, assembled (30 em)	5 31-32
D- 239	Spaceband lever pawl cam dowel (42 em) 3/32" x 3/8"	29-30-31-32	G-2053	Second elevator bar link hinge pin	5-29-30-31-32
D- 713	Second elevator bar plate guide screw 4-48 x 5/32"	29-30	G-2670	Second elevator, assembled (30 em)	29-30
D- 971	Spaceband lever pawl cam screw (42 em) 8-32 x 1/4"	29-30-31-32	G-2867	Second elevator bar plate (42 em)	31-32
E- 42	Second elevator bar link hinge pin cotter pin	5-29-30-31-32	G-2905	Second elevator bar plate (42 em)	29-30
E- 175	Second elevator bar delivery pawl stud pin 1/16" x 7/16"	5-29-30-31-32	G-2957	Second elevator bar delivery pawl (42 em)	29-30-31-32
G- 70	Second elevator bar link hinge pin rod 1/8" x 2 13/32"	5-29-30-31-32	G-3197	Second elevator bar link (42 em)	31-32
G- 77	Second elevator bar delivery pawl (30 em)	5-29-30-31-32	G-3198	Second elevator, assembled (42 em)	31-32
G- 78	Second elevator bar delivery pawl spring (30 em)	5-29-30-31-32	G-3199	Second elevator bar link (42 em)	29-30
G- 79	Second elevator bar delivery pawl stud	5-29-30-31-32	G-3200	Second elevator, assembled (42 em)	29-30
G- 132	Second elevator bar delivery pawl plunger	5-29-30-31-32	G-3201	Spaceband lever pawl cam (42 em)	29-30-31-32
G- 136	Second elevator bar plate (30 em)	5 31-32	G-3980	Second elevator bar link hinge pin (42 em)	29-30
G- 190	Second elevator bar delivery pawl spring pin 1/16" x 9/32"	5-29-30-31-32	H-1299	Second elevator bar delivery pawl spring (42 em)	29-30-31-32
G-1269	Second elevator bar link (30 em)	31-32	J-1086	Second elevator bar link hinge pin set screw (42 em) 10-32 x 7/16"	29-30
G-1371	Second elevator bar plate (30 em)	29-30	J-1228	Second elevator bar link hinge pin set screw nut (42 em) 10-32 x 1/8"	29-30
G-1372	Second elevator bar plate guide	29-30	J-5498	Second elevator bar plate guide screw lock washer	29-30
G-1682	Second elevator bar link (30 em)	29-30			

Please Give Model and Serial Number When Ordering



B-20



BB-148



C-123



F-235



B-514



H-352



G-2015

G-3094 (30 EM)  
G-3137 (42 EM)

G-3398



J-6084



G-3414



B-515



BB-247



B-590

E-184 (A=1")  
G-240 (A=3/4")

F-7847



G-152



G-1354



G-912



G-3096

G-3095 (30 EM)  
G-3138 (42 EM)

## Distributing Mechanism

## Models 5-29-30-31-32

## Second Elevator 277

B- 20	Second elevator safety pawl hinge pin, assembled	5	31-32	G- 912	Second elevator guide, upper, screw 1/2"-12 x 1 1/8"	29-30
B- 331	Second elevator safety pawl	5	31-32	G-1354	Second elevator guide, upper	5 31-32
B- 514	Second elevator safety pawl spring	29-30		G-2015	Second elevator guide, upper, dowel .205" x 7/8"	5 31-32
B- 515	Second elevator safety pawl stud washer	29-30		G-3094	Second elevator guide, upper, front (30 em)	29-30
B- 590	Second elevator safety pawl	29-30		G-3095	Second elevator guide, upper, back (30 em)	29-30
BB-148	Second elevator safety pawl hinge pin			G-3096	Second elevator guide, upper, back,	
	screw 8-32 x 5/16"	5	31-32		screw 3/8"-16 x 1 1/4"	29-30
BB-247	Second elevator safety pawl stud nut 5/8"-11 x 1 1/16"	29-30		G-3137	Second elevator guide, upper, front (42 em)	29-30
C- 123	Second elevator safety pawl hinge pin cotter pin	5	31-32	G-3138	Second elevator guide, upper, back (42 em)	29-30
E- 184	Second elevator guide, upper, front,			G-3398	Second elevator safety pawl adjusting	
	dowel (30 em) 3/16" x 1"	29			screw nut 1/4"-24 x 1/8"	29-30
F- 235	Second elevator safety pawl spring hook	29-30		G-3414	Second elevator safety pawl stud	29-30
F-7847	Second elevator guide, lower, screw lock washer	5-29-30-31-32		H- 352	Second elevator guide, upper, front, screw washer	5-29-30
G- 152	Second elevator guide, upper, screw 3/8"-18 x 1"	5	31-32	H- 352	Second elevator guide, upper, screw washer	5 31-32
G- 240	Second elevator guide, upper, front, dowel 3/16" x 3/4"	29-30		J-6084	Second elevator safety pawl adjusting	
G- 240	Second elevator guide, upper, back, dowel 3/16" x 3/4"	29-30			screw 1/4"-24 x 9/16"	29-30

Please Give Model and Serial Number When Ordering



A- 901 Distributor shifter lever shaft oil hole cover	5-29-30-31-32	D- 802 Distributor shifter lever link screw, r.h., nut 8-32 x 5/16"	31-32
B- 74 Distributor shifter lever screw 3/8"-16 x 5/8"	5-29-30-31-32	D-2463 Distributor shifter lever link spring washer	31-32
B- 75 Distributor shifter cam rider spring	5-29-30-31-32	E- 42 Distributor shifter lever link spring washer cotter pin	31-32
B- 76 Distributor shifter cam rider	5-29-30-31-32	E- 42 Distributor shifter slide buffer cotter pin	29-30-31-32
B- 77 Distributor shifter cam rider stop screw	5-29-30-31-32	E- 90 Distributor shifter lever spring screw 3/8"-16 x 1 1/4"	29-30-31-32
B- 78 Distributor shifter lever shaft	5-29-30-31-32	E- 525 Distributor shifter slide buffer washer	29-30-31-32
B- 79 Distributor shifter lever spring	5-29-30-31-32	G- 404 Distributor shifter slide safety stop pin	31-32
B- 85 Distributor shifter lever hub set screw 3/8"-16 x 3/4"	5-29-30-31-32	G-1408 Distributor shifter slide spring	29-30
B- 297 Distributor shifter lever hub	5-29-30-31-32	G-1408 Distributor shifter lever link spring	31-32
B- 313 Distributor shifter lever	5 31-32	G-1409 Distributor shifter slide spring rod	29-30
B- 468 Distributor shifter lever link (30 em)	29-30	G-1588 Distributor shifter lever link screw	29-30
B- 556 Distributor shifter lever link (42 em)	29-30	G-1589 Distributor shifter slide	31-32
B- 588 Distributor shifter lever	29-30	G-1590 Distributor shifter slide, assembled	31-32
B- 633 Distributor shifter lever link and bearing, assembled (30 em)	5 31-32	G-2370 Distributor shifter lever link screw, r.h.	31-32
B- 634 Distributor shifter lever link rod	5 31-32	G-2845 Distributor shifter slide buffer, assembled	29-30-31-32
B- 635 Distributor shifter lever link, assembled (30 em)	5 31-32	G-3852 Distributor shifter slide	29-30
B- 636 Distributor shifter lever link screw, l.h.	5 31-32	G-3878 Distributor shifter slide, assembled	29-30
B- 638 Distributor shifter lever link and bearing, assembled (42 em)	31-32	G-4090 Distributor shifter slide buffer spring	29-30-31-32
B- 639 Distributor shifter lever link, assembled (42 em)	31-32	G-4112 Distributor shifter slide, assembled	5 31-32
D- 802 Distributor shifter lever link screw, l.h., nut 8-32 x 5/16"	5 31-32	J-1218 Distributor shifter slide spring pin 1/8" x 9/16"	29-30
D- 802 Distributor shifter lever link screw nut 8-32 x 5/16"	29-30		

## Parts Not Illustrated

B- 323 Distributor shifter lever, assembled	31-32
B- 589 Distributor shifter lever, assembled	29-30

Please Give Model and Serial Number When Ordering



A-13



G-198



G-197

G-3077 (30 EM)  
G-3139 (42 EM)

A-5



D-86



G-4294



D-304



G-4295



E-2800



F-723



G-2318



G-277



G-131



G-2318



F-14



F-6656



G-3398



J-1228



G-4296



J-463



E-3265



E-1054



F-5705

G-241 (30 EM)  
G-2865 (42 EM)

G-3396



G-4070



G-4083

## Distributing Mechanism

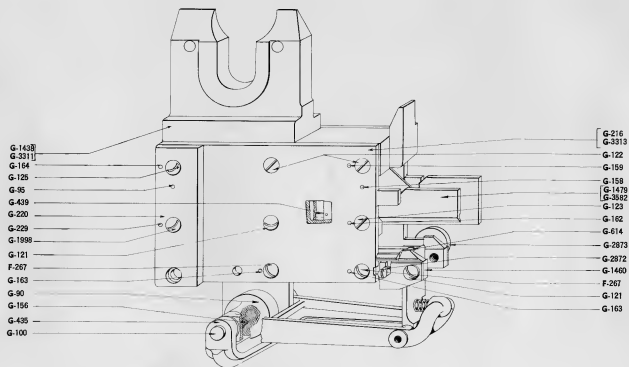
## Models 5-29-30-31-32

## Distributor Shifter 281

A- 5	Distributor shifter slide guide screw 5/8"-11 x 2 1/2"	29-30	G- 277	Distributor shifter slide safety stop screw 1/4"-24 x 1/2" 5	31-32
A- 13	Distributor shifter slide guide screw 1/2"-12 x 1 3/4"	5 31-32	G-2318	Distributor shifter slide stop screw 1/4"-24 x 1/2"	29-30
D- 86	Distributor shifter slide guide adjustable bank screw 8-32 x 9/32"	5 31-32	G-2318	Distributor shifter slide safety stop screw 1/4"-24 x 1/2"	29-30
D- 304	Distributor shifter slide stop screw 8-32 x 1 1/4"	29-30	G-2865	Distributor shifter slide guide (42 em)	31-32
E-1654	Distributor shifter slide stop screw stud nut lock washer	31-32	G-3077	Distributor shifter slide guide (30 em)	29-30
E-2800	Distributor shifter slide guide adjustable bank screw	31-32	G-3139	Distributor shifter slide guide (42 em)	29-30
E-3265	Distributor shifter slide stop screw lock nut 8-32 x 7/32"	29-30	G-3396	Distributor shifter slide stop screw stud	31-32
F- 14	Distributor shifter slide stop screw 1/4"-24 x 1/2"	5 31-32	G-3398	Distributor shifter slide stop screw nut 1/4"-24 x 3/8"	5 31-32
F- 723	Distributor shifter slide guide dowel 1/4" x 1 3/16"	29-30	G-4063	Distributor shifter slide stop bracket	5 31-32
F-5705	Distributor shifter slide stop bracket screw 1/4"-24 x 7/16"	5 31-32	G-4070	Distributor shifter slide stop screw stud	29-30
F-6655	Distributor shifter slide stop screw stud lock washer	29-30	G-4294	Distributor shifter slide guide adjustable bank, r.h.	5
G- 131	Distributor shifter slide stop screw 1/4"-24 x 1/4"	29-30	G-4295	Distributor shifter slide guide adjustable bank, l.h.	5
G- 197	Distributor shifter slide latch screw	5-29-30-31-32	G-4296	Distributor shifter slide guide adjustable bank bushing	5
G- 198	Distributor shifter slide latch	5-29-30-31-32	J- 463	Distributor shifter slide stop screw stud nut 1/4"-24 x 3/8"	31-32
G- 241	Distributor shifter slide guide (30 em)	5 31-32	J-1228	Distributor shifter slide stop screw stud lock nut 10-32 x 5/16"	29-30

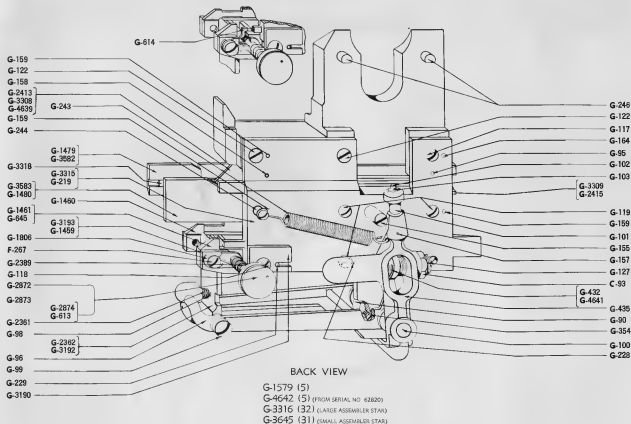
Please Give Model and Serial Number When Ordering

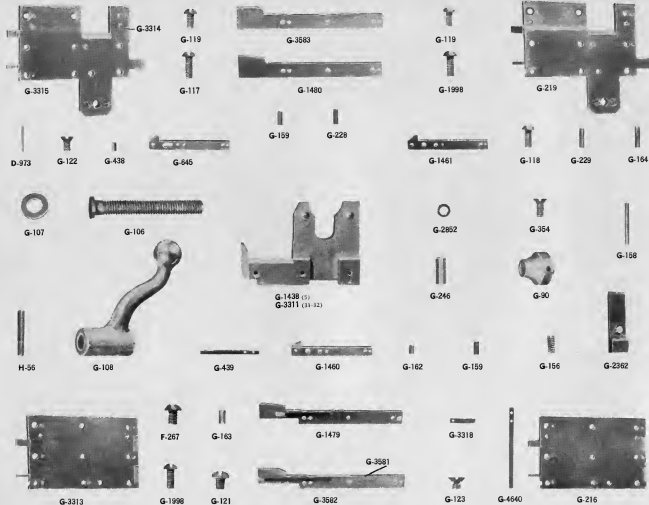




FRONT VIEW

G-1579 (5)  
 G-4642 (5) (FROM SERIAL NO. 62820)  
 G-3316 (32) (LARGE ASSEMBLER STAR)  
 G-3645 (31) (SMALL ASSEMBLER STAR)





## Distributing Mechanism

## Models 5-31-32

## Distributor Box 285

D- 973 Distributor box back plate dowel, long	5-31-32	G- 246 Distributor box locating pin 3/16" x 15/32"	31-32
F- 267 Distributor box front plate lower rail screw 6-48 x 3/10"	5-31-32	G- 354 Distributor box matrix lift lever hub screw 6-48 x 5/16"	31-32
G- 90 Distributor matrix lift lever hub	31-32	G- 438 Distributor box front plate upper rail	
G- 106 Distributor box bolt, 3/4" long	5-31-32	spring rivet 1/16" x 1/8"	31-32
G- 107 Distributor box bolt washer	5-31-32	G- 439 Distributor box front plate upper rail spring	31-32
G- 108 Distributor box bolt handle	5-31-32	G- 645 Distributor box back plate lower rail	31-32
G- 117 Distributor box back plate screw 6-46 x 3/8"	5-31-32	G-1438 Distributor box bracket and locating pin, assembled	5
G- 118 Distributor box back plate lower rail		G-1460 Distributor box front plate lower rail	5-31-32
screw, long 6-46 x 5/16"	31-32	G-1461 Distributor box back plate lower rail	5
G- 119 Distributor box back plate lower rail		G-1479 Distributor box front plate upper rail, assembled	5
screw, short 6-46 x 1/4"	5-31-32	G-1480 Distributor box back plate upper rail	5
G- 119 Distributor box back plate upper rail screw 6-48 x 5/32"	5-31-32	G-1998 Distributor box front plate upper rail	
G- 121 Distributor box front plate upper rail screw 6-46 x 5/32"	5-31-32	screw (through brace) 6-46 x 11/32"	5-31-32
G- 122 Distributor box back plate screw 6-46 x 1/4"	5-31-32	G-1998 Distributor box back plate lower rail	
G- 122 Distributor box back plate screw 6-46 x 1/4"	5-31-32	screw, long 6-46 x 11/32"	31-32
G- 123 Distributor box front plate upper rail screw 6-46 x 5/32"	5-31-32	G-2362 Distributor box matrix lift, assembled	5
G- 156 Distributor box matrix lift lever hub set screw 8-32 x 5/16"	5-31-32	G-2852 Distributor box back plate lower rail screw, long,	
G- 158 Distributor box plate dowel	5-31-32	lock washer	31-32
G- 159 Distributor box back plate dowel, short 3/32" x 1/4"	31-32	G-3311 Distributor box bracket and locating pin, assembled	31-32
G- 159 Distributor box front plate dowel, short 3/32" x 1/4"	31-32	G-3313 Distributor box front plate, assembled	31-32
G- 159 Distributor box back plate upper rail dowel 3/32" x 1/4"	31-32	G-3314 Distributor box back plate	31-32
G- 162 Distributor box front plate upper rail dowel 3/32" x .162"	31-32	G-3315 Distributor box back plate, assembled	31-32
G- 163 Distributor box front plate lower rail dowel 3/32" x .190"	31-32	G-3318 Distributor box front plate upper rail spring, auxiliary	31-32
G- 164 Distributor box back plate dowel, long 3/32" x 3/8"	31-32	G-3581 Distributor box front plate upper rail, without springs	31-32
G- 216 Distributor box front plate, assembled	5	G-3582 Distributor box front plate upper rail, assembled	31-32
G- 219 Distributor box back plate, assembled	5	G-3583 Distributor box back plate upper rail	31-32
G- 228 Distributor box back plate lower rail		G-4640 Distributor box front plate upper rail spring	5-31-32
dowel, short 3/32" x 9/32"	31-32	H- 56 Distributor box bolt handle pin 5/32" x 15/16"	5-31-32
G- 229 Distributor box back plate lower rail			
dowel, long 3/32" x 11/32"	31-32		

Please Give Model and Serial Number When Ordering



G-2042



D-181

G-432 (A=1/8")  
G-4641 (A=1 1/2")

G-157



G-103



G-101



G-102



G-155



G-127



C-93



G-435



G-100



G-243



G-96



G-98



G-3190



G-164



G-220



G-4639



G-2413



G-2415



G-3309



G-95



G-158



G-3192



G-2361



G-99



G-125



G-229



G-167



G-3308



G-514



G-3193



G-513



G-2872



G-2873



G-2874



F-267



G-1459



G-121



G-1806



G-2389



G-144



G-145



G-244



G-1998



G-4040

G-4041



G-4033



H-192



I-2540



I-5036



G-4038



G-4034



G-4037



G-4036

## Distributing Mechanism

## Models 5-31-32

## Distributor Box 287

C- 93	Distributor box matrix lift cam lever adjusting screw nut 3/8"-16 x 1/2"	5-31-32	G- 435	Distributor box matrix lift cam lever, assembled	5-31-32
D- 181	Distributor box matrix lift cam pin 1/8" x 5/8"	5-31-32	G- 613	Distributor box font distinguisher stud, assembled	5
F- 267	Distributor box font distinguisher block screw, long 6-48 x 3/16"	31-32	G- 614	Distributor box font distinguisher	31-32
G- 95	Distributor box bar stop pin 3/32" x 1 5/32"	5-31-32	G-1459	Distributor box font distinguisher block	5
G- 96	Distributor box matrix lift lever	5-31-32	G-1806	Distributor box font distinguisher stud spring plate	31-32
G- 98	Distributor box matrix lift spring	5-31-32	G-1998	Distributor box back plate lower rail screw, long 6-48 x 11/32"	31-32
G- 99	Distributor box matrix lift screw	5-31-32	G-2042	Distributor box matrix lift cam	5-31-32
G- 100	Distributor box matrix lift lever hinge pin	5-31-32	G-2361	Distributor box matrix lift spring stud	31-32
G- 101	Distributor box matrix lift cam roll	5-31-32	G-2389	Distributor box font distinguisher stud spring	31-32
G- 102	Distributor box matrix lift cam roll stud	31-32	G-2413	Distributor box bar point (small assembler star)	31
G- 103	Distributor box matrix lift cam roll stud pin .041" x .220"	5-31-32	G-2415	Distributor box bar, assembled (small assembler star)	5-31
G- 121	Distributor box font distinguisher block screw, short 6-48 x 5/32"	31-32	G-2872	Distributor box font distinguisher stud rod, short	31-32
G- 125	Distributor box front plate brace screw 6-48 x 1/2"	5-31-32	G-2873	Distributor box font distinguisher stud rod, long	31-32
G- 127	Distributor box matrix lift cam lever adjusting screw 3/8"-16 x 5/8"	5-31-32	G-2874	Distributor box font distinguisher stud, assembled	31-32
G- 144	Distributor box font distinguisher stud nut spring	5	G-3190	Distributor box matrix lift stop	31-32
G- 145	Distributor box font distinguisher stud nut	5	G-3192	Distributor box matrix lift, assembled	31-32
G- 155	Distributor box matrix lift cam lever stop screw	5-31-32	G-3193	Distributor box font distinguisher block	31-32
G- 157	Distributor box matrix lift cam roll stud rivet .040" x .360"	31-32	G-3308	Distributor box bar point (large assembler star)	31-32
G- 158	Distributor box bar hinge pin 3/32" x 7/8"	5-31-32	G-3309	Distributor box bar, assembled (large assembler star)	31-32
G- 160	Distributor box matrix lift stop pin 3/32" x 7/32"	31-32	G-4033	Distributor box matrix guard pawl spring rivet	31-32
G- 164	Distributor box front plate brace dowel, long 3/32" x 3/8"	31-32	G-4034	Distributor box matrix guard pawl, assembled	31-32
G- 167	Distributor box bar point rivet 1/16" x .439"	31-32	G-4036	Distributor box matrix guard pawl fulcrum stud	31-32
G- 220	Distributor box front plate brace, assembled	5-31-32	G-4037	Distributor box matrix guard pawl spring	31-32
G- 229	Distributor box front plate brace dowel, short 3/32" x 11/32"	31-32	G-4038	Distributor box matrix guard pawl spring stud	31-32
G- 229	Distributor box back plate lower rail dowel, long 3/32" x 11/32"	31-32	G-4040	Distributor box matrix guard bracket	31-32
G- 243	Distributor box matrix lift lever returning spring	5-31-32	G-4041	Distributor box matrix guard, assembled	31-32
G- 244	Distributor box back plate upper rail special screw	5-31-32	G-4639	Distributor box bar point	5-31-32
G- 432	Distributor box matrix lift cam lever spring	5-31-32	G-4641	Distributor box matrix lift cam lever spring	5-31-32
			H- 192	Distributor box matrix guard pawl stop pin	31-32
			I-2540	Distributor box matrix guard screw washer	31-32
			I-5036	Distributor box matrix guard screw	31-32

Please Give Model and Serial Number When Ordering



G-1068



G-1402



J-463



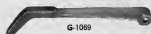
G-3984



G-240



G-229



G-1069



G-702

G-3985



E-1024



G-3982

G-3983



G-1071



G-1072



G-1404



G-1065



G-163



G-1066



D-802



E-224



I-1072



G-1400

## Distributing Mechanism

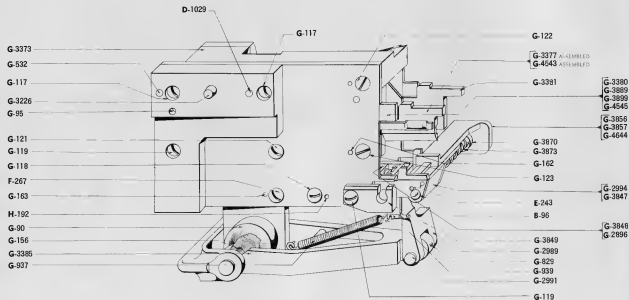
## Models 31-32

## Font Distinguisher Lever 289

D- 802 Distributor box font distinguisher indicator screw nut 8-32 x 5/16"	31-32	G-1068 Distributor box font distinguisher lever, short	31-32
E- 224 Distributor box font distinguisher indicator bracket screw 5/16" x 11/18"	31-32	G-1069 Distributor box font distinguisher lever, long	31-32
E-1024 Distributor box font distinguisher lever bracket screw 1/4"-24 x 3/4"	31-32	G-1071 Distributor box font distinguisher lever spring	31-32
G- 163 Distributor box font distinguisher indicator pin 3/32" x .190"	31-32	G-1072 Distributor box font distinguisher lever collar	31-32
G- 229 Distributor box font distinguisher lever, short, pin 3/32" x 11/32"	31-32	G-1400 Distributor box font distinguisher indicator screw	31-32
G- 240 Distributor box font distinguisher lever bracket dowel 3/16" x 3/4"	31-32	G-1402 Distributor box font distinguisher lever, short, adjusting screw 1/4"-24 x 1"	31-32
G- 702 Distributor box font distinguisher lever collar pin 3/32" x 9/16"	31-32	G-1404 Distributor box font distinguisher lever shaft	31-32
G- 702 Distributor box font distinguisher lever, long, pin 3/32" x 9/16"	31-32	G-3982 Distributor box font distinguisher indicator bracket	31-32
G-1065 Distributor box font distinguisher indicator	31-32	G-3983 Distributor box font distinguisher indicator bracket, assembled	31-32
G-1066 Distributor box font distinguisher indicator spring	31-32	G-3984 Distributor box font distinguisher lever bracket	31-32
		G-3985 Distributor box font distinguisher lever and bracket, assembled	31-32
		I-1072 Distributor box font distinguisher indicator bracket dowel 1/4" x 3/4"	31-32
		J- 463 Distributor box font distinguisher lever, short, adjusting screw nut 1/4"-24 x 3/8"	31-32

Please Give Model and Serial Number When Ordering



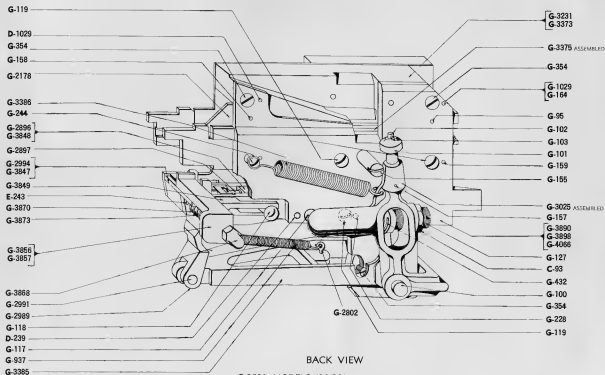


FRONT VIEW

G-3891 MODELS (29-30) (USED IN 72-90 ONLY TO  
SERIAL NO. 54697 INCL.)

G-3387 MODELS (29-30) (FROM SERIAL NO. 54698 TO  
SERIAL NO. 57354 INCL.)

G-4546 MODELS (29-30) (FROM SERIAL NO. 57355)



G-3891 MODELS (29-30) (USED ON 72 90 ONLY TO

SERIAL NO. 54697 INCL.)

G-3387 MODELS (29-30) (FROM SERIAL NO. 54698 TO

SERIAL NO. 57354 INCL.)

G-4546 MODELS (29-30) (FROM SERIAL NO. 57355)

Check Parts by Referring to Detail Pages.



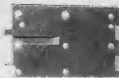
G-661



G-3226



G-122



G-3894



G-121



G-90



G-532



G-119



G-163



G-162



G-123



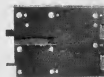
G-159



G-117



F-267



G-3839

G-3377 (WITH SPRING G-3452)  
G-4543 (WITH SPRING G-4540)

G-438

G-3846  
G-3897

G-228

G-3845  
G-3898G-3840  
G-3895

G-4540



G-3252



G-164



G-354



G-159



G-3253



D-1029



G-244



G-118



G-3848



G-2896



D-239

G-3231  
G-3373

G-3381

## Distributing Mechanism

## Models 29-30

## Distributor Box, Upper 293

D- 239	Distributor box, upper, lower rail separating block adjusting block, back, dowel 3/32" x 3/8"	29-30
D-1029	Distributor box, upper, front plate dowel 3/32" x 13/16"	29-30
D-1029	Distributor box, upper, back plate dowel, short 3/32" x 13/16"	29-30
D-1029	Distributor box, upper, back plate dowel, long 3/32" x 13/16"	29-30
F- 267	Distributor box, upper, front plate, lower rail screw 6-48 x 3/16"	29-30
G- 90	Distributor box, upper, matrix lift lever hub	29-30
G- 117	Distributor box, upper, lower rail separating block adjusting block screw, back 6-48 x 3/8"	29-30
G- 117	Distributor box, upper, front plate screw 6-48 x 3/8"	29-30
G- 117	Distributor box, upper, back plate, lower rail screw 6-48 x 3/8"	29-30
G- 118	Distributor box, upper, lower rail separating block adjusting block screw, front 6-48 x 5/16"	29-30
G- 119	Distributor box, upper, front plate, lower rail screw 6-48 x 1/4"	29-30
G- 119	Distributor box, upper, back plate, lower rail screw 6-48 x 1/4"	29-30
G- 119	Distributor box, upper, front plate, upper rail screw 6-48 x 1/4"	29-30
G- 119	Distributor box, upper, front plate, lower rail screw, long 6-48 x 1/4"	29-30
G- 121	Distributor box, upper, front plate, upper rail screw, center 6-48 x 5/32"	29-30
G- 122	Distributor box, upper, front plate screw 6-48 x 1/4"	29-30
G- 123	Distributor box, upper, front plate, upper rail screw, r.h. 6-48 x 5/32"	29-30
G- 159	Distributor box, upper, back plate dowel, short 3/32" x 1/4"	29-30
G- 159	Distributor box, upper, back plate, upper rail dowel 3/32" x 1/4"	29-30
G- 162	Distributor box, upper, front plate, upper rail dowel 3/32" x .162"	29-30
G- 163	Distributor box, upper, front plate, lower rail dowel 3/32" x .190"	29-30
G- 164	Distributor box, upper, back plate dowel, long 3/32" x 3/8"	29-30
G- 228	Distributor box, upper, back plate, lower rail dowel 3/32" x 9/32"	29-30
G- 244	Distributor box, upper, back plate, upper rail special screw	29-30
G- 354	Distributor box, upper, back plate screw 6-48 x 5/16"	29-30
G- 354	Distributor box, upper, matrix lift lever hub screw 6-48 x 5/16"	29-30
G- 438	Distributor box, upper, front plate, upper rail spring rivet 1/16" x 1/8"	29-30
G- 532	Distributor box, upper, front plate dowel 3/32" x 15/32"	29-30
G- 661	Distributor box, upper, locating plate	29-30
G-2896	Distributor box, upper, lower rail separating block adjusting block	29-30
G-3226	Distributor box, upper, locating pin	29-30
G-3231	Distributor box, upper, bracket	29-30
G-3252	Distributor box, upper, front plate, upper rail spring, front	29-30
G-3253	Distributor box, upper, front plate, upper rail spring, back	29-30
G-3373	Distributor box, upper, bracket	29-30
G-3376	Distributor box, upper, front plate, upper rail	29-30
G-3377	Distributor box, upper, front plate, upper rail, assembled	29-30
G-3381	Distributor box, upper, back plate, upper rail	29-30
G-3839	Distributor box, upper, front plate	29-30
G-3840	Distributor box, upper, back plate	29-30
G-3845	Distributor box, upper, front plate, lower rail	29-30
G-3846	Distributor box, upper, back plate, lower rail	29-30
G-3848	Distributor box, upper, lower rail separating block adjusting block	29-30
G-3894	Distributor box, upper, front plate	29
G-3895	Distributor box, upper, back plate	29
G-3896	Distributor box, upper, front plate, lower rail	29
G-3897	Distributor box, upper, back plate, lower rail	29
G-4540	Distributor box, upper, front plate, upper rail spring, front	29-30
G-4543	Distributor box, upper, front plate, upper rail, assembled	29-30

## Parts Not Illustrated

G-3380	Distributor box, upper, front plate, assembled (72-90) (from serial No. 54853)	29-30
G-3889	Distributor box, upper, front plate, assembled (used on 72-90 only to serial No. 54698)	29-30
G-3890	Distributor box, upper, back plate, assembled (used on 72-90 only to serial No. 54698)	29-30
G-3898	Distributor box, upper, back plate, assembled (used on 29 only to serial No. 51293)	29
G-3899	Distributor box, upper, front plate, assembled (used on 29 only to serial No. 51293)	29
G-4066	Distributor box, upper, back plate, assembled (72-90) (from serial No. 53631)	29-30
G-4545	Distributor box, upper, front plate, assembled (72-90) (from serial No. 57355)	29-30

Please Give Model and Serial Number When Ordering



G-155



G-157



G-432



G-3025



G-127



C-93



G-3370



G-3328



G-3329



D-972



G-3369



G-103



G-102



G-156



G-2802



G-3386



G-100



G-2991



G-3371



D-902



D-1574



D-181



G-101



G-3364



G-2989



G-937



G-939



G-3385



G-829



G-3108



F-453



E-243



B-96



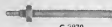
G-3847



G-3875



G-3873



G-5870



G-3868

G-3856 (030°)  
G-3857 (040°)  
G-4644 (058°)

G-158



G-167



G-2178



G-3375



G-95



J-800



G-2994



J-453



G-3850



G-514



G-3844



G-3842



E-943



G-3045



G-3849



G-3841



G-3843



E-219



G-1318

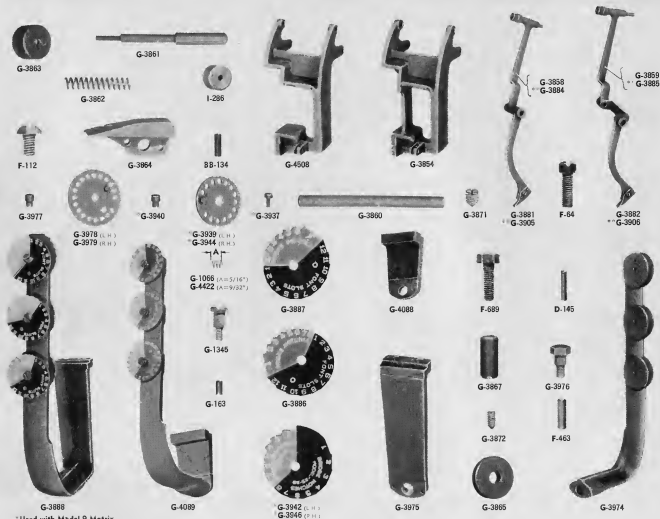
## Distributing Mechanism

## Models 29-30

## Distributor Box, Upper 295

B- 96	Distributor box, upper, matrix bridge guiding rod screw 4-48 x 1/4"	29-30	G- 937	Distributor box, upper, matrix lift spring	29-30
C- 93	Distributor box, upper, matrix lift cam lever adjusting screw nut 3/8"-18 x 1/2"	29-30	G- 939	Distributor box, upper, matrix lift spring eye	29-30
D- 181	Distributor box, upper, matrix lift cam pin 1/8" x 5/8"	29-30	G-1318	Distributor box, upper, bolt	29-30
D- 802	Distributor box chute matrix guide stop screw nut (72-90) 8-32 x 1/8"	29-30	G-2178	Distributor box, upper, bar point	29-30
D- 802	Distributor box, upper, font distinguisher nut (90 char.) 8-32 x 1/8"	29-30	G-2802	Distributor box, upper, matrix lift lever spring stud	29-30
D- 972	Distributor box chute dowel 3/32" x 5/16"	29-30	G-2989	Distributor box, upper, matrix lift	29-30
D-1402	Distributor box chute screw 8-32 x 7/16"	29-30	G-2991	Distributor box, upper, matrix lift shaft	29-30
D-1574	Distributor box chute support screw 10-32 x 1/2"	29-30	G-2994	Distributor box, upper, matrix bridge support	29-30
D-2172	Distributor box chute matrix guide stop screw (72-90) 8-32 x 13/16"	29-30	G-3025	Distributor box, upper, matrix lift cam lever, assembled	29-30
E- 219	Distributor box, upper, bolt set screw 10-32 x 9/32"	29-30	G-3045	Distributor box, upper, bolt handle	29-30
E- 243	Distributor box, upper, matrix bridge support dowel 1/16" x .225"	29-30	G-3108	Distributor box chute support	29-30
E- 943	Distributor box, upper, bolt set screw shoe	29-30	G-3328	Distributor box chute cover hinge pin	29-30
F- 463	Distributor box chute support dowel 3/16" x 5/8"	29-30	G-3329	Distributor box chute cover stop pin	29-30
G- 95	Distributor box, upper, bar stop pin 3/32" x 1 5/32"	29-30	G-3364	Distributor box, upper, matrix lift cam	29-30
G- 100	Distributor box, upper, matrix lift lever hinge pin	29-30	G-3369	Distributor box chute cover, assembled	29-30
G- 101	Distributor box, upper, matrix lift cam roll	29-30	G-3370	Distributor box chute, assembled	29-30
G- 102	Distributor box, upper, matrix lift cam roll stud	29-30	G-3371	Distributor box chute matrix guide (72-90)	29-30
G- 103	Distributor box, upper, matrix lift cam roll stud pin .041" x .220"	29-30	G-3375	Distributor box, upper, bar, assembled	29-30
G- 127	Distributor box, upper, matrix lift cam lever adjusting screw 3/8"-16 x 5/8"	29-30	G-3385	Distributor box, upper, matrix lift lever	29-30
G- 155	Distributor box, upper, matrix lift cam lever stop screw	29-30	G-3386	Distributor box, upper, matrix lift lever returning spring	29-30
G- 156	Distributor box, upper, matrix lift cam lever hub set screw 8-32 x 5/16"	29-30	G-3841	Distributor box, upper, font distinguisher stud, assembled	29-30
G- 157	Distributor box, upper, matrix lift cam roll stud rivet .040" x .350"	29-30	G-3842	Distributor box, upper, font distinguisher stud rod, short	29-30
G- 158	Distributor box, upper, bar hinge pin 3/32" x 7/8"	29-30	G-3843	Distributor box, upper, font distinguisher stud spring	29-30
G- 167	Distributor box, upper, bar point rivet 1/18" x .438"	29-30	G-3844	Distributor box, upper, font distinguisher stud rod, long	29-30
G- 432	Distributor box, upper, matrix lift cam lever spring	29-30	G-3847	Distributor box, upper, matrix bridge support	29-30
G- 614	Distributor box, upper, font distinguisher	29-30	G-3849	Distributor box, upper, font distinguisher block	29-30
G- 829	Distributor box, upper, matrix lift shaft set screw 4-48 x 3/16"	29-30	G-3850	Distributor box, upper, font distinguisher stud spring plate	29-30
			G-3856	Matrix bridge (.030")	29-30
			G-3857	Matrix bridge (.040")	29-30
			G-3868	Distributor box, upper, matrix bridge guiding rod knob	29-30
			G-3870	Distributor box, upper, matrix bridge guiding rod	29-30
			G-3873	Distributor box, upper, matrix bridge guiding rod spring	29-30
			G-3875	Distributor box, upper, matrix bridge guiding rod pin .041" x 1/4"	29-30
			G-4644	Matrix bridge (.088") (90 character)	29-30
			J- 453	Distributor box, upper, font distinguisher screw (90 character)	29-30
			J- 800	Distributor box, upper, bolt handle stop screw	29-30

Please Give Model and Serial Number When Ordering



\* Used with Model 9 Matrix

\*\* Used on Model 29 Below Serial No. 52508

## Distributing Mechanism

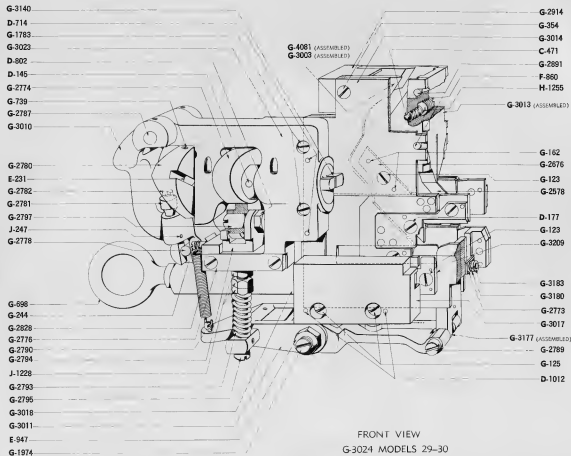
## Models 29-30 Font Distinguisher and Bridge Control Levers 297

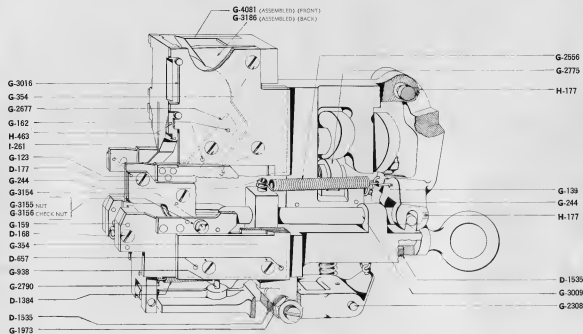
88-134 Distributor box font distinguisher lever shoe dowel 1/8" x 3/8"	29-30	G-3885 Distributor box bridge control lever	29
88-134 Distributor box bridge control lever shoe dowel 1/8" x 3/8"	29-30	G-3886 Distributor box, upper, font distinguisher and bridge control indicator, r.h., assembled	29-30
D- 145 Distributor box font distinguisher indicator bracket dowel 1/8" x 5/8"	29-30	G-3887 Distributor box, upper, font distinguisher and bridge control indicator, l.h., assembled	29-30
D- 145 Distributor box, upper, font distinguisher and bridge control indicator bracket support dowel 1/8" x 5/8"	29-30	G-3888 Distributor box, upper, font distinguisher and bridge control indicator and bracket, assembled	29-30
F- 64 Distributor box font distinguisher indicator bracket screw 1/4"-24 x 23/32"	29-30	G-3905 Distributor box font distinguisher lever, assembled	29
F- 112 Distributor box font distinguisher lever shoe screw 14-24 x 3/8"	29-30	G-3906 Distributor box bridge control lever, assembled	29
F- 112 Distributor box bridge control lever shoe screw 14-24 x 3/8"	29-30	G-3937 Distributor box, upper, bridge control indicator index set pin	29-30
F- 463 Distributor box font distinguisher and bridge control lever bracket dowel 3/16" x 5/8"	29-30	G-3939 Distributor box, upper, bridge control indicator, l.h., index plate, assembled	29-30
F- 689 Distributor box font distinguisher and bridge control lever bracket support screw 1/4"-24 x 3/4"	29-30	G-3940 Distributor box, upper, bridge control indicator index pin	29-30
G- 163 Distributor box, upper, font distinguisher and bridge control indicator, r.h. and l.h., pin 3/32" x .190"	29-30	G-3942 Distributor box, upper, bridge control indicator, l.h., assembled	29-30
G-1066 Distributor box, upper, font distinguisher and bridge control indicator spring	29-30	G-3944 Distributor box, upper, bridge control indicator, r.h., index plate, assembled	29-30
G-1345 Distributor box, upper, font distinguisher and bridge control indicator screw	29-30	G-3946 Distributor box, upper, bridge control indicator, r.h., assembled	29-30
G-3854 Distributor box font distinguisher and bridge control lever bracket	29-30	G-3974 Distributor box, upper, font distinguisher and bridge control indicator bracket	29-30
G-3858 Distributor box font distinguisher lever	29-30	G-3975 Distributor box, upper, font distinguisher and bridge control indicator bracket support	29-30
G-3859 Distributor box bridge control lever	29-30	G-3976 Distributor box, upper, font distinguisher and bridge control indicator bracket screw	29-30
G-3860 Distributor box font distinguisher and bridge control lever fulcrum pin	29-30	G-3977 Distributor box, upper, font distinguisher and bridge control indicator bracket location plate stud	29-30
G-3860 Distributor box matrix tray pin	29-30	G-3978 Distributor box, upper, font distinguisher and bridge control indicator bracket, l.h., location plate, assembled	29-30
G-3861 Distributor box font distinguisher lever plunger	29-30	G-3979 Distributor box, upper, font distinguisher and bridge control indicator bracket, r.h., location plate, assembled	29-30
G-3861 Distributor box bridge control lever plunger	29-30	G-4088 Distributor box, upper, font distinguisher and bridge control indicator bracket support	29-30
G-3862 Distributor box font distinguisher lever plunger spring	29-30	G-4089 Distributor box, upper, font distinguisher and bridge control indicator, l.h., and bracket, assembled	29-30
G-3862 Distributor box bridge control lever plunger spring	29-30	G-4422 Distributor box, upper, font distinguisher and bridge control indicator spring	29-30
G-3863 Distributor box font distinguisher lever plunger knob	29-30	G-4508 Distributor box bridge control lever bracket	29-30
G-3863 Distributor box bridge control lever plunger knob	29-30	I- 286 Distributor box bridge control lever plunger nut knob lock nut	29-30
G-3864 Distributor box font distinguisher lever shoe	29-30	I- 286 Distributor box font distinguisher lever plunger knob lock nut	29-30
G-3864 Distributor box bridge control lever shoe	29-30		
G-3865 Distributor box font distinguisher indicator bracket supporting roll	29-30		
G-3867 Distributor box font distinguisher indicator bracket supporting roll pin 1/4" x 9/16"	29-30		
G-3871 Distributor box font distinguisher and bridge control lever fulcrum pin set screw 10-32 x 3/16"	29-30		
G-3871 Distributor box matrix tray pin set screw 10-32 x 3/16"	29-30		
G-3872 Distributor box font distinguisher indicator bracket supporting roll pin set screw 5-40 x 3/16"	29-30		
G-3881 Distributor box font distinguisher lever, assembled	29-30		
G-3882 Distributor box bridge control lever, assembled	29-30		
G-3884 Distributor box font distinguisher lever	29		

## Parts Not Illustrated

G-3883 Distributor box bridge control lever and bracket, assembled	29-30
G-4509 Distributor box bridge control lever and bracket, assembled (90 character)	29-30







BACK VIEW

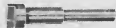
G-3024 MODELS 29-30



G-3023



G-1783



G-3140



F-548



G-3063



G-2787



H-177



G-2556



D-714



G-2774



D-145



G-2780



E-231



G-739



G-3010



G-2781



G-2782



J-247



G-244



G-139



G-3009



G-2778



H-177



G-3163



G-3011



G-1974



E-947



G-3006



G-3008



G-3154



G-3155



G-3156



G-2795



G-2308



G-2828



G-2790



G-244



G-1973



D-1535



G-3005



G-3007



G-164



G-3177



G-3175



J-1228



G-2793



E-119



G-2776



G-3210



G-3161



G-3174



G-2616



G-3176



G-2773



G-2789



D-902



G-2797



G-2775



G-2794



G-2821



G-3183



G-3180



G-3176



G-2773



G-2790



D-1384



G-938

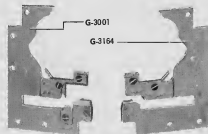
## Distributing Mechanism

## Models 29-30

## Distributor Box, Lower 301

D- 145	Distributor box, lower, matrix lift cam pin 1/8" x 5/8"	29-30	G-2790	Distributor box, lower, matrix lift spring eye	29-30
D- 714	Distributor box, lower, cam shaft bearing dowel 3/32" x 1/2"	29-30	G-2793	Distributor box, lower, matrix lift lever spring	29-30
D- 802	Distributor box, lower, matrix lift lever adjusting screw nut 8-32 x 5/16"	29-30	G-2794	Distributor box, lower, matrix lift lever link	29-30
D-1384	Distributor box, lower, matrix lift spring	29-30	G-2795	Distributor box, lower, matrix lift lever link screw 10-32 x 1 7/8"	29-30
D-1535	Distributor box, lower, matrix lift lever pivot set screw 8-32 x 3/16"	29-30	G-2797	Distributor box, lower, matrix lift cam roll stud	29-30
E- 119	Distributor box, lower, separating block, lower, screw 8-48 x 1/4"	29-30	G-2821	Distributor box, lower, matrix pusher, front, support lug	29-30
E- 231	Distributor box, lower, matrix pusher slide lever cam pin 1/8" x 3/8"	29-30	G-2821	Distributor box, lower, matrix pusher, back, support lug	29-30
E- 947	Distributor box, lower, matrix lift lever fulcrum screw nut 1/4"-32 x 3/8"	29-30	G-2828	Distributor box, lower, matrix lift lever spring	29-30
F- 548	Distributor front screw, upper, extension, lower set, pin	29-30	G-3005	Distributor box, lower, matrix pusher, front, support	29-30
G- 139	Distributor box, lower, matrix lift lever spring hook	29-30	G-3006	Distributor box, lower, matrix pusher, front, assembled	29-30
G- 164	Distributor box, lower, matrix pusher, front, dowel 3/32" x 3/8"	29-30	G-3007	Distributor box, lower, matrix pusher, back, support	29-30
G- 164	Distributor box, lower, matrix pusher, back, dowel 3/32" x 3/8"	29-30	G-3008	Distributor box, lower, matrix pusher, back, assembled	29-30
G- 244	Distributor box, lower, matrix lever spring stud	29-30	G-3009	Distributor box, lower, matrix pusher, assembled	29-30
G- 244	Distributor box, lower, matrix pusher slide spring stud	29-30	G-3010	Distributor box, lower, matrix pusher slide lever	29-30
G- 739	Distributor box, lower, matrix pusher slide lever cam set screw 8-32 x 3/16"	29-30	G-3011	Distributor box, lower, matrix lift lever	29-30
G- 938	Distributor box, lower, matrix lift spring stud, long	29-30	G-3023	Distributor box, lower, cam shaft bearing	29-30
G-1783	Distributor box, lower, cam shaft bearing screw 8-32 x 1/2"	29-30	G-3063	Distributor front screw, upper, extension, lower set, assembled	29-30
G-1973	Distributor box, lower, matrix lift lever pivot	29-30	G-3140	Distributor box, lower, cam shaft	29-30
G-1974	Distributor box, lower, matrix lift lever fulcrum screw 1/4"-32 x 5/8"	29-30	G-3154	Distributor box, lower, matrix pusher support screw	29-30
G-2308	Distributor box, lower, matrix lift lever link screw shaft	29-30	G-3155	Distributor box, lower, matrix pusher support screw nut	29-30
G-2556	Distributor box, lower, matrix pusher slide spring	29-30	G-3156	Distributor box, lower, matrix pusher support screw nut check nut	29-30
G-2616	Distributor box, lower, matrix pusher, front, support lug rivet	29-30	G-3161	Distributor box, lower, matrix pusher, back	29-30
G-2616	Distributor box, lower, matrix pusher, back, support lug rivet	29-30	G-3163	Distributor box, lower, matrix pusher slide	29-30
G-2616	Distributor box, lower, matrix pusher, front, support rivet	29-30	G-3174	Distributor box, lower, matrix pusher, front, support rivet, long	29-30
G-2616	Distributor box, lower, matrix pusher, back, support rivet	29-30	G-3174	Distributor box, lower, matrix pusher, back, support rivet, long	29-30
G-2773	Distributor box, lower, matrix lift adjusting screw washer	29-30	G-3175	Distributor box, lower, matrix lift	29-30
G-2774	Distributor box, lower, matrix lift cam	29-30	G-3176	Distributor box, lower, matrix lift adjusting screw	29-30
G-2775	Distributor box, lower, matrix lift cam roll	29-30	G-3177	Distributor box, lower, matrix lift, assembled	29-30
G-2776	Distributor box, lower, matrix lift lever link cap	29-30	G-3180	Distributor box, lower, matrix lift adjusting screw nut	29-30
G-2778	Distributor box, lower, matrix pusher slide pin	29-30	G-3183	Distributor box, lower, matrix lift adjusting screw nut lock nut	29-30
G-2780	Distributor box, lower, matrix pusher slide lever cam	29-30	G-3210	Distributor box, lower, matrix pusher, front	29-30
G-2781	Distributor box, lower, matrix pusher slide roll	29-30	H- 177	Distributor box, lower, matrix pusher slide lever fulcrum rod set screw 8-32 x 1/4"	29-30
G-2782	Distributor box, lower, matrix pusher slide lever cam roll pin	29-30	H- 177	Distributor box, lower, matrix pusher slide pin set screw 8-32 x 1/4"	29-30
G-2787	Distributor box, lower, matrix slide lever fulcrum rod	29-30	J- 247	Distributor box, lower, matrix pusher slide lever cam roll pin 1/16" x 3/8"	29-30
G-2789	Distributor box, lower, matrix lift screw	29-30	J-1228	Distributor box, lower, matrix lift lever link screw nut 10-32 x 5/16"	29-30
G-2790	Distributor box, lower, matrix lift lever spring eye	29-30			

Please Give Model and Serial Number When Ordering



G-3003 (ASSEMBLED)

G-3186 (ASSEMBLED)



G-2676

G-162

G-2677



G-354



G-3017



G-2914



G-3014



D-657



D-1012



G-3016



G-2792



G-2694



G-3871



G-3860



F-860



G-123



G-3209



G-159



G-3855



C-471



H-1255



G-3178



D-168



G-3179



G-2578



H-463



G-2891



G-3013



E-119



G-3015



G-2615



G-2799



D-177



G-3002



I-261



G-2800



D-1535



G-698



G-125



G-3018



G-4145



G-2831

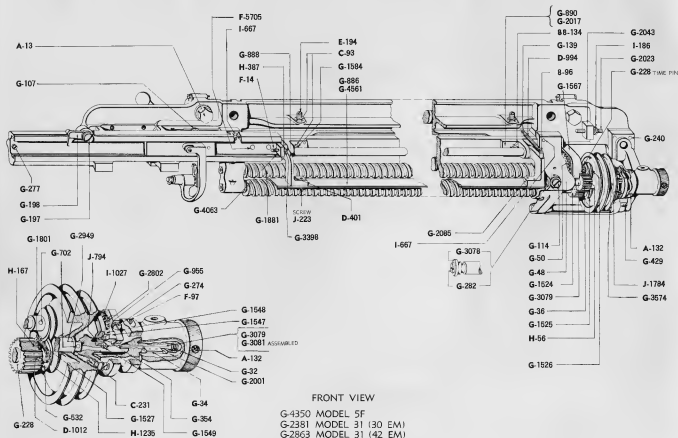
## Distributing Mechanism

## Models 29-30

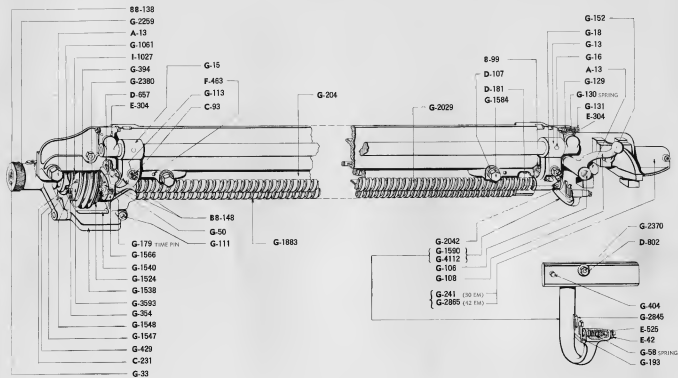
## Distributor Box, Lower 303

C- 471 Distributor box, lower, separating block ball	29-30	G-2615 Distributor box, lower, back plate upper rail, lower section, brace rivet	29-30
D- 168 Distributor box, lower, matrix lift guide, front, screw 4-48 x 1/4"	29-30	G-2676 Distributor box, lower, front plate upper rail, upper section	29-30
D- 168 Distributor box, lower, matrix lift guide, back, screw 4-48 x 1/4"	29-30	G-2677 Distributor box, lower, back plate upper rail, upper section	29-30
D- 177 Distributor box, lower, back plate upper rail, lower section, brace screw 4-48 x 3/16"	29-30	G-2694 Distributor box fastening screw flange	29-30
D- 177 Distributor box, lower, front plate upper rail, lower section, brace screw 4-48 x 3/16"	29-30	G-2792 Distributor box fastening screw	29-30
D- 657 Distributor box, lower, back plate dowel 3/32" x 1/4"	29-30	G-2799 Distributor box, lower, back plate upper rail, lower section	29-30
D-1012 Distributor box, lower, front plate dowel 3/32" x 9/16"	29-30	G-2800 Distributor box, lower, back plate upper rail, lower section, brace	29-30
D-1535 Distributor box, lower, handle set screw 8-32 x 3/16"	29-30	G-2831 Distributor box hook	29-30
D-1535 Distributor box fastening screw flange set screw 6-32 x 3/16"	29-30	G-2891 Distributor box, lower, separating block pin 1/8" x 7/8"	29-30
E- 98 Distributor box matrix tray screw (two magazine) 5/16"-24 x 7/8"	29-30	G-2914 Distributor box, lower, separating block, upper	29-30
E- 119 Distributor box, lower, separating block, lower, screw 6-48 x 1/4"	29-30	G-3001 Distributor box, lower, front plate lower rail	29-30
F- 860 Distributor box, lower, separating block ball spring screw 1/4"-24 x 5/16"	29-30	G-3002 Distributor box, lower, front plate upper rail, lower section, brace	29-30
G- 123 Distributor box, lower, front plate upper rail, upper section, screw 6-48 x 5/32"	29-30	G-3003 Distributor box, lower, front plate lower rail, assembled	29-30
G- 123 Distributor box, lower, back plate upper rail, upper section, screw 6-48 x 5/32"	29-30	G-3013 Distributor box, lower, separating block, assembled	29-30
G- 123 Distributor box, lower, back plate screw 6-48 x 5/32"	29-30	G-3014 Distributor box, lower, front plate	29-30
G- 123 Distributor box, lower, front plate matrix guide screw 6-48 x 5/32"	29-30	G-3015 Distributor box, lower, front plate upper rail, lower section	29-30
G- 125 Distributor box, lower, locating block screw 6-48 x 1/2"	29-30	G-3016 Distributor box, lower, back plate	29-30
G- 159 Distributor box, lower, matrix lift guide, back, dowel 3/32" x 1/4"	29-30	G-3017 Distributor box, lower, locating block	29-30
G- 159 Distributor box, lower, matrix lift guide, front, dowel 3/32" x 1/4"	29-30	G-3018 Distributor box, lower, bracket	29-30
G- 162 Distributor box, lower, back plate upper rail, upper section, dowel 3/32" x .162"	29-30	G-3164 Distributor box, lower, back plate lower rail	29-30
G- 162 Distributor box, lower, front plate upper rail, upper section, dowel 3/32" x .162"	29-30	G-3178 Distributor box, lower, matrix lift guide, front	29-30
G- 354 Distributor box, lower, separating block, upper, screw 6-48 x 5/16"	29-30	G-3179 Distributor box, lower, matrix lift guide, back	29-30
G- 354 Distributor box, lower, back plate screw 6-48 x 5/16"	29-30	G-3186 Distributor box, lower, back plate lower rail, assembled	29-30
G- 698 Distributor box, lower, handle	29-30	G-3209 Distributor box, lower, front plate matrix guide	29-30
G-2578 Distributor box, lower, matrix separating block point	29-30	G-3855 Distributor box matrix tray	29-30
G-2615 Distributor box, lower, front plate upper rail, lower section, brace rivet	29-30	G-3860 Distributor box matrix tray pin	29-30
		G-3871 Distributor box matrix tray pin set screw	29-30
		G-3917 Distributor box matrix tray (two magazine)	29-30
		G-4145 Distributor box hook	29-30
		H- 463 Distributor box, lower, separating block point pin 3/32" x 3/4"	29-30
		H-1255 Distributor box, lower, separating block ball spring	29-30
		I- 261 Distributor box, lower, front plate upper rail, lower section, brace dowel 1/16" x 5/32"	29-30
		I- 261 Distributor box, lower, back plate upper rail, lower section, brace dowel 1/16" x 5/32"	29-30
		<u>Parts Not Illustrated</u>	
		G-3012 Distributor box, lower, separating block (not assembled)	29-30

Please Give Model and Serial Number When Ordering



Check Parts by Referring to Detail Pages.

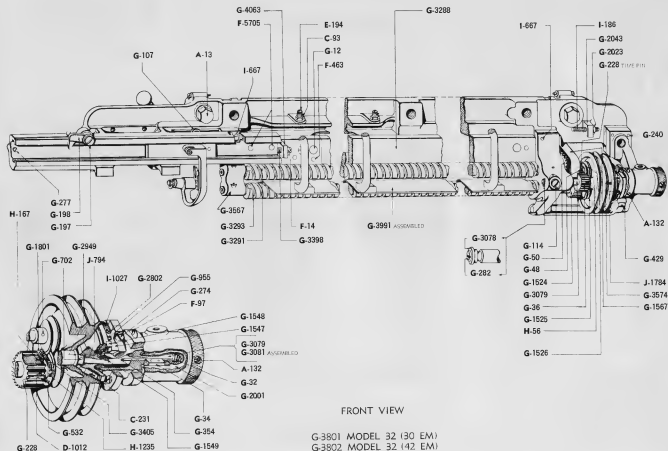


## BACK VIEW

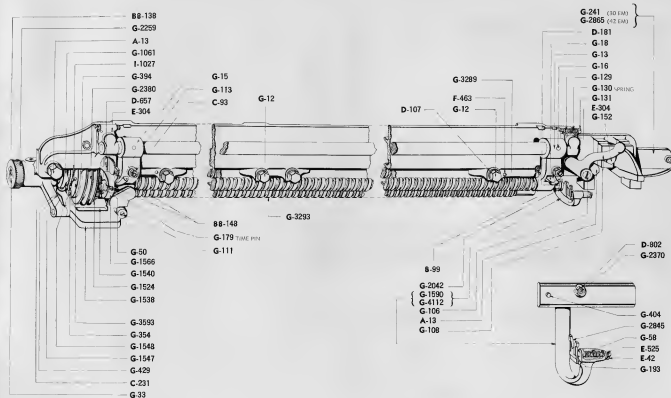
G-4350 MODEL 5F  
 G-2381 MODEL 31 (30 EM)  
 G-2863 MODEL 31 (42 EM)

Check Parts by Referring to Detail Pages.





Check Parts by Referring to Detail Pages.



BACK VIEW

G-3801 MODEL 32 (30 EM)  
G-3802 MODEL 32 (42 EM)

**Check Ports by Referring to Detail Pages.**



A-862



G-4146



G-12



E-194



C-93



G-130



D-107



A-13



F-463



A-672



A-824



I-186



A-833



A-829



G-50



F-496



G-179

G-7  
G-201

G-1566

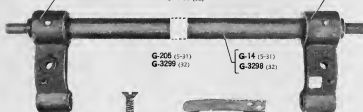


G-1584

G-204 (5-31)  
G-3288 (32)

G-15

G-13

G-206 (5-31)  
G-3299 (32)G-14 (5-31)  
G-3298 (32)

B-99



G-18



E-304



G-51



G-2043

F-592 (1/16" THICK)  
F-593 (1/32" THICK)  
F-594 (1/64" THICK)

G-113



G-16



G-2023

G-2029 (5-31)  
G-3289 (32)G-2030 (ASSEMBLED) (5-31)  
G-3290 (ASSEMBLED) (32)

G-4029

A-17 (A=1 3/4")  
G-3819 (A=1 5/16")

C-799

## Distributing Mechanism

## Models 5-31-32

## Distributor 309

A- 13	Distributor back screw shaft bracket screw 1/2"-12 x 1 3/4"	5-31-32	G- 15	Distributor back screw bracket, r.h.	5-31-32
A- 17	Distributor beam screw, long 5/8"-11 x 1 1/4"	32	G- 16	Distributor back screw bracket dowel 5/16" x 1 3/4"	5-31-32
A- 672	Name plate, small, rivet	5-31-32	G- 18	Distributor back screw bracket spring catch, lower	5-31-32
A- 824	Name plate, small	5-31-32	G- 50	Distributor back screw gear	31-32
A- 829	Name plate, trade mark, screw 8-32 x 1 4"	5-31-32	G- 51	Distributor back screw gear pin 5/32" x 1 5/16"	31-32
A- 833	Distributor bracket support pad cover	31-32	G- 113	Distributor back screw bracket adjusting screw 3/8"-16 x 13/16"	5-31-32
A- 862	Name plate, trade mark	5-31-32	G- 129	Distributor back screw shaft bracket spring catch, upper	5-31-32
B- 99	Distributor back screw bracket spring catch, lower, screw 8-32 x 3/8"	5-31-32	G- 130	Distributor back screw shaft bracket spring catch, upper, spring	5-31-32
BB-148	Distributor back screw gear guard screw 8-32 x 5/16"	5-31-32	G- 131	Distributor back screw shaft bracket spring catch, upper, spring screw 1/4"-24 x 1/4"	5-31-32
C- 93	Distributor vertical adjusting screw nut 3/8"-16 x 1/2"	5-31-32	G- 179	Distributor back screw gear time pin .120" x 9/16"	5-31-32
C- 93	Distributor back screw bracket adjusting screw nut 3/8"-16 x 1/2"	5-31-32	G- 201	Distributor back screw shaft bracket, r.h.	5-31-32
C- 799	Distributor beam screw, long	32	G- 204	Distributor bar, assembled	5-31
C- 799	Distributor beam screw, r.h.	32	G- 205	Distributor back screw bracket, assembled	5-31
D- 107	Distributor bar screw washer	5-31-32	G- 1566	Distributor back screw gear guard	31-32
E- 194	Distributor vertical adjusting screw 3/8"-16 x 1 3/16"	31-32	G-1564	Distributor bar screw 3/8"-16 x 2 1/4"	31
E- 304	Distributor back screw shaft bracket, r.h., dowel 5-32" x 11/16"	5-31-32	G-2023	Distributor side adjusting screw 3/8"-16 x 2 1/4"	31-32
E- 304	Distributor back screw shaft bracket, l.h., dowel 5-32" x 11/16"	5-31-32	G-2029	Distributor back screw	31
F- 463	Distributor bar dowel 3/16" x 5/8"	5-31-32	G-2030	Distributor back screw, assembled	31
F- 463	Distributor bar, entrance section, dowel 3/16" x 5/8"	5-31-32	G-2043	Distributor side adjusting screw lug	31-32
F- 463	Distributor bar, entrance section, dowel 3/16" x 5/8"	31-32	G-3288	Distributor bar, assembled	32
F- 496	Distributor bar, entrance section, screw 1/4"-24 x 5/16"	31-32	G-3289	Distributor back screw	32
F- 592	Distributor beam screw, l.h., washer 1/16" thick	31-32	G-3290	Distributor back screw, assembled	32
F- 593	Distributor beam screw, l.h., washer 1/32" thick	31-32	G-3298	Distributor back screw shaft	32
F- 594	Distributor beam screw, l.h., washer 1/64" thick	31-32	G-3299	Distributor back screw bracket, assembled	32
G- 7	Distributor back screw shaft bracket, l.h.	5-31-32	G-3819	Distributor beam screw, r.h. 5/8"-11 x 1 5/16"	5-31-32
G- 12	Distributor bar screw 3/8"-16 x 1 3/4"	32	G-4029	Distributor beam screw, l.h. 5/8"-11 x 1 5/16"	5-31-32
G- 13	Distributor back screw bracket, l.h.	5-31-32	G-4146	Distributor beam screw, l.h., washer, variable	5-31-32
G- 14	Distributor back screw shaft	5-31	I- 186	Distributor side adjusting screw nut	5-31-32
			I- 186	Distributor side adjusting screw lug nut	5-31-32

Please Give Model and Serial Number When Ordering



G-532



G-702



G-1526



G-1525



G-3405 (32)



G-1527 (31)



H-1235



G-801



H-167



G-221


 \*G-1881 (5-31)  
 G-1947 (5-31)

 \*G-3291 (32)  
 G-3292 (32)

(FRONT, UPPER)



G-50



G-48



G-1524



G-1883 (5-31)

G-3293 (12)

(FRONT, LOWER)



H-56



G-114



G-178



G-228



D-1012



D-657



G-1567



BB-148



G-3568



A-13



G-3566



I-667



G-3567

\*Distributor Screw, Not Assembled.

A- 13	Distributor front screw bracket screw 1/2"-12 x 1 3/4"	5-31-32	G-1801	Distributor front screw, lower, automatic spring hook	5-31-32
BB-148	Distributor front screw gear guard screw 8-32 x 5/16"	5-31-32	G-1881	Distributor front screw, upper	5-31
D- 657	Distributor front screw gear guard dowel 3/32" x 1/4"	5-31-32	G-1883	Distributor front screw, lower	5-31
D-1012	Distributor front screw, lower, gear stop pin 3/32" x 9/16"	5-31-32	G-1947	Distributor front screw, upper, assembled	5-31
G- 48	Distributor front screw, upper, gear, small	5-31-32	G-3291	Distributor front screw, upper	32
G- 50	Distributor front screw, upper, gear, large	5-31-33	G-3292	Distributor front screw, upper, assembled	32
G- 114	Distributor clutch shaft screw	31-32	G-3293	Distributor front screw, lower	32
G- 178	Distributor front screw, upper, gear, small, rivet 1/8" x 7/32"	5-31-32	G-3405	Distributor front screw, lower, automatic spring	32
G- 221	Distributor front screw, upper, gears, assembled	31-32	G-3566	Distributor front screw bracket, r.h., guide key	5-31-32
G- 228	Distributor front screw, upper, gear, small, time pin 3/32" x 9/32"	5-31-32	G-3566	Distributor front screw bracket, l.h., guide key	5-31-32
G- 228	Distributor front screw, lower, gear, time pin 3/32" x 9/32"	5-31-32	G-3567	Distributor front screw bracket, l.h.	5-31-32
G- 532	Distributor front screw, lower, automatic stop pin 3/32" x 15/32"	31-32	G-3568	Distributor front screw bracket, r.h.	5-31-32
G- 702	Distributor front screw, lower, automatic pin 3/32" x 9/18"	5-31-32	H- 56	Distributor front screw, upper, gear, small, pin 5/32" x 15/16"	5-31-32
G- 702	Distributor front screw, upper, automatic pin 3/32" x 9/18"	5-31-32	H- 167	Distributor front screw, lower, automatic spring hook rivet, long 1/16" x 5/8"	5-31-32
G-1524	Distributor front screw, lower, gear	5-31-32	H-1235	Distributor front screw, lower, automatic spring hook rivet, short 1/16" x 11/32"	5-31-32
G-1525	Distributor front screw, lower, automatic	5-31-32	I- 667	Distributor front screw bracket, r.h., dowel 3/16" x 7/8"	5-31-32
G-1526	Distributor front screw, upper, automatic	5-31-32	I- 667	Distributor front screw bracket, l.h., dowel 3/16" x 7/8"	5-31-32
G-1527	Distributor front screw, lower, automatic spring	5-31			
G-1567	Distributor front screw gear guard	5-31-32			

Please Give Model and Serial Number When Ordering



G-4126



G-4121



I-114



D-979



G-4127



G-3981



G-2094



G-4118



H-1029



G-4120



G-4122



G-4463



G-892



G-139



G-3810



G-4134



G-4119



J-1228



E-219



F-2343



8-96



D-994



I-477



G-126



G-3398



C-476



G-4503



G-3993



I-2685



J-463



G-2379



G-3995



G-3994



E-3306



D-3146



H-3721



G-3997



F-2445

G-3833 (A=7/8")  
G-3996 (A=1")

G-3996



I-5811



G-3836



I-5631



G-3834

## Distributing Mechanism

## Models 5-31-32

## Distributor 313

B- 96	Distributor screw guard lever spring screw 4-48 x 1/4"	31	G-3998	Distributor screw guard operating link stud, lower	32
C- 476	Distributor belt hook	31-32	G-4118	Distributor screw guard lever	31
D- 979	Distributor screw guard lever plate screw 10-32 x 3/8"	31-32	G-4119	Distributor screw guard lever safety latch screw	31-32
D- 994	Distributor screw guard lever spring	31	G-4120	Distributor screw guard lever safety latch	31-32
D-3146	Distributor screw guard operating lever, lower, retaining washer screw 1/4"-24 x 1/2"	32	G-4121	Distributor screw guard lever plate	31-32
E- 219	Distributor screw guard lever stop screw lock screw 10-32 x 9/32"	31-32	G-4122	Distributor screw guard lever, assembled	31
E-3306	Distributor screw guard operating lever, lower, retaining washer	32	G-4126	Distributor screw guard lever	32
F-2343	Distributor screw guard lever stop screw 10-32 x 1/2"	31-32	G-4127	Distributor screw guard lever, assembled	32
F-2445	Distributor screw guard operating link stud washer	32	G-4134	Distributor screw guard lever operating screw	31-32
G- 126	Distributor screw guard lever operating screw 1/4"-24 x 7/8"	31-32	G-4463	Distributor screw guard lever fulcrum screw	32
G- 139	Distributor screw guard lever spring hook	31	G-4503	Distributor screw guard, auxiliary, operating lever, upper, collar	32
G- 139	Distributor screw guard lever spring hook	32	H-1029	Distributor screw guard lever safety latch spring	31-32
G- 892	Distributor screw guard lever fulcrum screw	31-32	H-3721	Distributor screw guard, operating link stud, upper	32
G-2084	Distributor screw guard lever	31	I- 114	Distributor screw guard lever plate dowel 1/8" x 1/4"	31-32
G-2379	Distributor belt, assembled	31-32	I- 477	Distributor screw guard lever banking screw 1/4"-24 x 11/16"	31-32
G-3398	Distributor screw guard lever operating screw nut 1/4"-24 x 3/8"	5	I-2685	Distributor screw guard operating lever, lower, pin	32
G-3810	Distributor screw guard lever, auxiliary, pad cover	5-31	I-5631	Distributor screw guard operating link turnbuckle lock nut, r.h. 5/16"-24 x 1/2"	32
G-3833	Distributor screw guard operating link stud, lower	32	I-5811	Distributor screw guard operating link turnbuckle lock nut, l.h. 5/16"-24 x 1/2" (l.h. thread)	32
G-3834	Distributor screw guard operating link, short	32	J- 463	Distributor screw guard operating lever, lower, pin nut 1/4"-24 x 3/16"	32
G-3836	Distributor screw guard operating link turnbuckle	32	J- 463	Distributor screw guard operating lever adjusting screw nut 1/4"-24 x 3/16"	31-32
G-3981	Distributor screw guard lever	32	J-1228	Distributor screw guard lever, auxiliary, operating link screw nut 10-32 x 1/8"	31-32
G-3993	Distributor screw guard, auxiliary, operating lever, lower	32	J-1228	Distributor screw guard lever adjusting screw lock nut 10-32 x 1/8"	31-32
G-3994	Distributor screw guard, auxiliary, operating lever, upper	32			
G-3995	Distributor screw guard, auxiliary, operating lever, upper, fulcrum stud	32			
G-3996	Distributor screw guard operating lever, auxiliary, link, long	32			
G-3997	Distributor screw guard operating lever, auxiliary, link, assembled	32			

Please Give Model and Serial Number When Ordering





G-4117



G-2016



G-119



G-4561



G-3987



D-3042



G-2017



G-3991 (32)



F-5468

G-885 (31)  
G-3986 (32)

H-742



J-223



D-401



G-3992



B-471



G-4637



D-802



D-326



E-3205



G-3988



H-387



C-93



G-3990



G-152



G-888



G-2086

G-889 (31)  
G-3989 (32)

G-2085



G-3811



88-134



G-890

## Distributing Mechanism

## Models 5-31-32

## Distributor 315

B- 471	Distributor screw guard stop screw 8-32 x 7/8"	31	G-3811	Distributor screw guard bracket pad cover	31-32
BB-134	Distributor screw guard bracket dowel 1/8" x 3/8"	5-31	G-3986	Distributor screw guard	32
C- 93	Distributor screw guard bracket nut 3/8"-16 x 1/2"	5-31	G-3987	Distributor screw guard arm	32
D- 326	Distributor screw guard stop set screw 8-32 x 3/4"	31	G-3988	Distributor screw guard bracket	32
D- 401	Distributor screw guard dowel 1/8" x 7/16"	31-32	G-3989	Distributor screw guard shaft	32
D- 802	Distributor screw guard stop set screw nut 8-32 x 1/8"	31	G-3990	Distributor screw guard bracket set screw 10-32 x 1 1/16"	32
D-3042	Distributor screw guard arm screw 10-32 x 7/16"	32	G-3991	Distributor screw guard, assembled	32
E-3265	Distributor screw guard stop set screw nut 8-32 x 1/8"	31	G-3992	Distributor screw guard spring	32
F-5468	Distributor screw guard banking screw 10-32 x 1 3/8"	31	G-4117	Distributor screw guard bracket screw hole cover	5-31
G- 119	Distributor screw guard screw 8-48 x 1/4"	5	G-4561	Distributor screw guard	5
G- 152	Distributor screw guard bracket screw 5/8"-18 x 1"	32	G-4637	Distributor screw guard stop	31
G- 886	Distributor screw guard		H- 387	Distributor screw guard stop pin 3/16" x 7/8"	31
G- 888	Distributor screw guard arm, l.h.	31	H- 387	Distributor screw guard arm pin 3/16" x 7/8"	31
G- 889	Distributor screw guard shaft	31	H- 387	Distributor screw guard arm dowel 3/16" x 7/8"	32
G- 890	Distributor screw guard bracket	31	H- 742	Distributor screw guard bracket set screw	
G-2016	Distributor screw guard	5		lock nut 10-32 x 3/8"	32
G-2017	Distributor screw guard bracket	5	H- 742	Distributor screw guard banking screw nut 10-32 x 3/8"	31
G-2085	Distributor screw guard arm, r.h.	31	J- 223	Distributor screw guard banking screw 10-32 x 5/16"	31-32
G-2086	Distributor screw guard shaft, assembled	31			

Please Give Model and Serial Number When Ordering



G-4632



G-4624



G-4634



F-5529



D-302



I-186



G-4629



G-4628



G-4622



I-681



G-2790



G-781



G-4630



BB-148



G-4623



I-565



B-236



G-4626



G-139



G-4631



H-1029



G-4625



D-1012



G-3800



E-2592



G-4633



G-4627



B-99

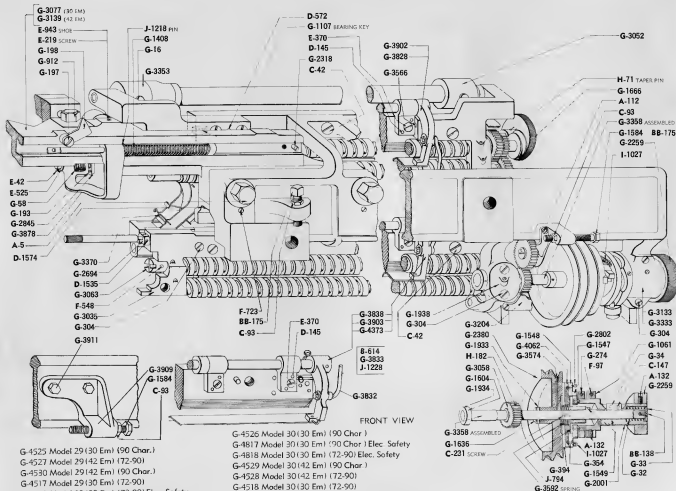
## Distributing Mechanism

## Models 31-32

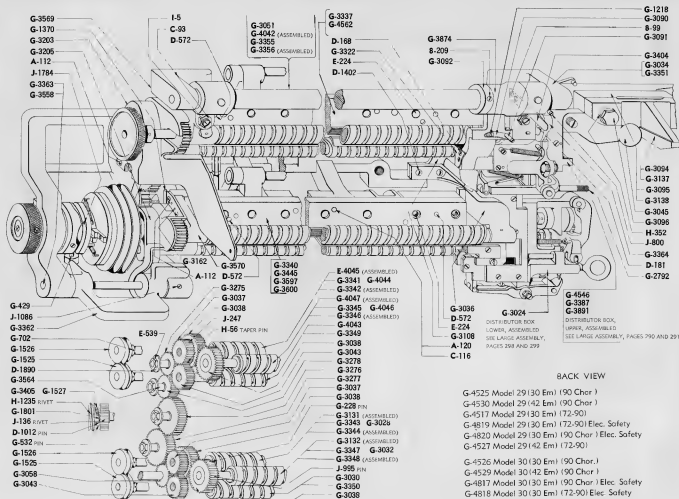
## Distributor 317

B- 99 Distributor screw guard lever operating lever, upper, screw 8-32 x 3/8"	31-32	G-4625 Distributor screw guard lever operating lever, upper, shoe	31-32
B- 236 Distributor screw guard operating lever adjusting screw 1/4"-24 x 1 1/4"	32	G-4626 Distributor screw guard lever link side support	31-32
BB-148 Distributor screw guard lever link side support screw 8-32 x 5/16"	31-32	G-4627 Distributor screw guard, auxiliary, operating lever, lower	32
D- 802 Distributor screw guard lever link top support screw nut 8-32 x 1/8"	31-32	G-4628 Distributor screw guard lever operating lever, lower	32
D-1012 Distributor screw guard lever operating lever, upper, shoe dowel 3/32" x 9/16"	31-32	G-4629 Distributor screw guard lever link top support	31-32
E-2592 Distributor screw guard lever adjusting screw 10-32 x 31/32"	31-32	G-4630 Distributor screw guard lever link spring	32
F-5529 Distributor screw guard lever link screw, upper	31-32	G-4631 Distributor screw guard operating lever, lower	32
G- 139 Distributor screw guard lever link spring hook	32	G-4632 Distributor screw guard lever link	31-32
G- 781 Distributor screw guard lever link screw, lower	31-32	G-4633 Distributor screw guard, auxiliary, operating link	32
G-2790 Distributor screw guard lever link spring eye	32	G-4634 Distributor screw guard lever operating lever, upper, assembled	31-32
G-3800 Distributor screw guard, auxiliary, operating link screw	32	H-1029 Distributor screw guard lever safety latch spring	31-32
G-4622 Distributor screw guard lever operating lever, upper, stud	31-32	I- 186 Distributor screw guard lever link side support nut 3/8"-18 x 1/4"	31-32
G-4623 Distributor screw guard lever operating lever, lower	31	I- 665 Distributor screw guard lever operating lever, upper, shoe screw 8-32 x 5/8"	31-32
G-4624 Distributor screw guard lever operating lever, upper	31-32	I- 681 Distributor screw guard lever link top support screw 8-32 x 11/16"	31-32

Please Give Model and Serial Number When Ordering

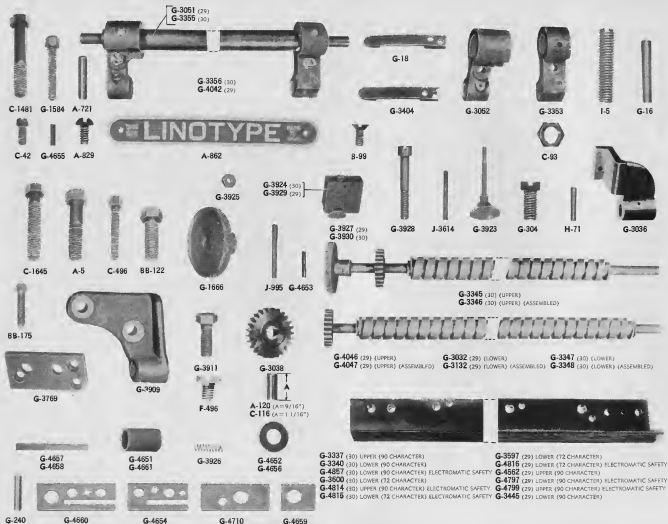


Check Parts by Referring to Detail Pages.



BACK VIEW

G-4525 Model 29(130 Em) (90 Char.)  
 G-4530 Model 29(42 Em) (90 Char.)  
 G-4517 Model 29(130 Em) (72-90)  
 G-4819 Model 29(130 Em) (72-90) Elec. Safety  
 G-4820 Model 29(130 Em) (90 Char.) Elec. Safety  
 G-4527 Model 29(42 Em) (72-90)  
 G-4526 Model 30(30 Em) (90 Char.)  
 G-4529 Model 30(42 Em) (90 Char.)  
 G-4817 Model 30(30 Em) (90 Char.) Elec. Safety  
 G-4818 Model 30(30 Em) (72-90) Elec. Safety  
 G-4518 Model 30(30 Em) (72-90)  
 G-4528 Model 30(42 Em) (72-90)



## Distributing Mechanism

## Models 29-30

## Distributor 321

A-	5	Distributor beam screw 5/8"-11 x 2 1/2"	29	G-3925	Distributor box, upper, matrix pusher lock nut 2-56 x 1/16"	29-30
A-	5	Distributor beam screw, long 5/8"-11 x 2 1/2"	30	G-3926	Distributor box, upper, matrix pusher spring	29-30
A-	5	Distributor bracket screw, short 5/8"-11 x 2 1/2"	29-30	G-3927	Distributor box, upper, matrix pusher, assembled	29-30
A-	120	Distributor bar dowel 1/4" x 9/16"	29	G-3928	Distributor box, upper, matrix pusher block screw 5-40 x 7/8"	29-30
A-	721	Distributor bracket dowel 1/2" x 2 3/8"	29-30	G-3929	Distributor box, upper, matrix pusher block	29
A-	829	Name plate, trade mark, screw 8-32 x 1/4"	29-30	G-3930	Distributor box, upper, matrix pusher, assembled	29
A-	862	Name plate, trade mark	29-30	G-4042	Distributor back screw, upper set, shaft, assembled	29
B-	99	Distributor back screw bracket spring catch, lower, screw 8-32 x 3/8"	29-30	G-4046	Distributor back screw, upper set	29
BB-122		Distributor beam screw, short 5/8"-11 x 3/4"	29-30	G-4047	Distributor back screw, upper set, assembled	29
BB-175		Distributor beam side adjusting screw 3/8"-16 x 1 1/2"	29-30	G-4552	Distributor bar, upper, assembled, 80 character	29-30
BB-175		Distributor beam adjusting screw 3/8"-16 x 1 1/2"	29-30	G-4651	Distributor bar, upper, bushing, large 25/64" I.D. (72) nylon	29-30
C-	42	Distributor bar screw 3/8"-16 x 7/8"	29-30	G-4651	Distributor bar, upper, bushing, large 25/64" I.D., nylon	29-30
C-	93	Distributor beam adjusting screw nut 3/8"-16 x 1/2"	29	G-4652	Dist. bar, lower, screw washer, 405" I.D., (72) (72-00) nylon	29-30
C-	93	Distributor beam side adjusting screw nut 3/8"-16 x 1 1/2"	29-30	G-4652	Distributor bar, upper, screw washer, 406" I.D., (80) nylon	29-30
C-	93	Distributor back screw, upper set, bracket adjusting	29-30	G-4653	Dist. screw, front, r.h., upper set, dowel 1/8" x 13/16", nylon	29-30
C-	116	Distributor bar dowel 1/4" x 11/16"	30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
C-	496	Distributor bracket support screw 3/8"-16 x 2 3/8"	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
C-1481		Distributor bracket screw, long 5/8"-11 x 3 3/4"	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
C-1645		Distributor bracket screw, long 5/8"-11 x 3 3/8"	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
F-	496	Distributor bar, entrance section, screw 1/4"-24 x 5/16"	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
F-	496	Distributor bar, main section and entrance section, cover plate screw 1/4"-24 x 5/16"	29	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
F-	496	Distributor bar, main section and auxiliary section, connecting screw 1/4"-24 x 5/16"	30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-	16	Distributor back screw, upper set, bracket pin 5/16" x 1 3/4"	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-	18	Distributor back screw bracket spring catch	29	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-	240	Distributor beam side adjusting screw bracket dowel 3/16" x 3/4"	29	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-	304	Distributor screw bearing, l.h., lower set, back, screw 1/4"-24 x 1/2"	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-1584		Distributor beam side adjusting screw 3/8"-16 x 2 1/4"	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-1666		Distributor screw hand wheel	30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3032		Distributor back screw, lower set	29	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3036		Distributor screw bearing, l.h., lower set, back	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3038		Distributor back screw gear, upper set	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3038		Distributor back screw gear, lower set	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3051		Distributor back screw, upper set, shaft	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3052		Distributor back screw, upper set, bracket, r.h.	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3132		Distributor back screw, lower set, assembled	29	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3337		Distributor bar, upper, assembled (80 character)	30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3340		Distributor bar, lower, assembled (80 character)	30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3345		Distributor back screw, upper set	30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3346		Distributor back screw, upper set, assembled	30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3347		Distributor back screw, lower set	30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3348		Distributor back screw, lower set, assembled	30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3353		Distributor back screw, upper set, bracket, l.h.	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3355		Distributor back screw, upper set, shaft	30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3356		Distributor back screw, upper set, shaft, assembled	30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3404		Distributor back screw, upper set, bracket, l.h., spring catch	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3445		Distributor bar, lower, assembled (80 character)	29	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3597		Distributor bar, lower, assembled (72 character)	29	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3600		Distributor bar, lower, assembled (72 character)	30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3769		Distributor bar, main section and entrance section, cover plate	29	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3909		Distributor beam side adjusting screw bracket	29	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3911		Distributor beam side adjusting screw bracket screw 5/16"-24 x 7/8"	29	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3923		Distributor box, upper, matrix pusher stud, assembled	29-30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30
G-3924		Distributor box, upper, matrix pusher block	30	G-4653	Dist. screw, bearing, r.h., lower dowel 1/8" x 13/16", nylon	29-30

## Parts Not Illustrated

G-3334	Distributor beam and cap, assembled	30
G-3912	Distributor beam and cap, assembled	29
G-4795	Distributor beam and cap, assembled	29
G-4813	Distributor beam and cap, assembled	30

Please Give Model and Serial Number When Ordering



D-1012

G-3349 (30) (LOWER) (UPPER SET)  
G-4043 (29) (LOWER) (UPPER SET)

A-112



G-3204

G-532

G-3030 (25) (LOWER) (LOWER SET)  
G-3350 (30) (LOWER) (LOWER SET)

G-702

H-1236

G-228

G-1801

G-1525

A-1

G-3043



G-4397

J-136

G-1527

G-3405

H-56 (A=156)

G-3635 (A=162)



G-4087

G-3203



J-247

D-1890

G-3278

G-3277

G-3275

G-3037

G-3564

G-3999

D-1535

E-539

G-3237



G-3276

G-1526



G-3038

J-995 (A=125)  
G-3637 (A=130)

G-3205



G-4375

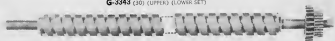


G-3274

G-3162



G-4086

G-3131 (29) (UPPER) (LOWER SET) (ASSEMBLED)  
G-3028 (20) (UPPER) (LOWER SET)  
G-3344 (30) (UPPER) (LOWER SET) (ASSEMBLED)  
G-3343 (30) (UPPER) (LOWER SET)G-3341 (30) (UPPER) (UPPER SET)  
G-3342 (30) (UPPER) (UPPER SET) (ASSEMBLED)  
G-4014 (29) (UPPER) (UPPER SET)  
G-4045 (29) (UPPER) (UPPER SET) (ASSEMBLED)

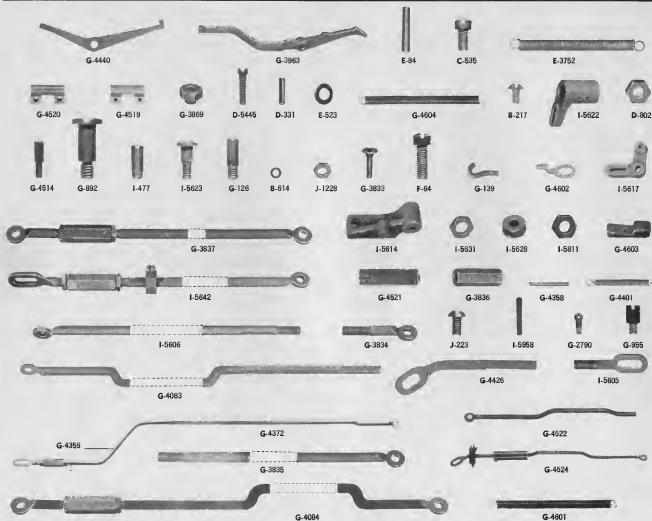
## Distributing Mechanism

## Models 29-30

## Distributor 323

A- 112	Distributor screw, front, gear guard, r.h., upper set, screw 8-32 x 3/8"	29-30	G-3276	Distributor screw idler gear, intermediate, assembled	29-30
A- 112	Distributor screw, front, gear guard, lower, screw 8-32 x 3/8"	29-30	G-3277	Distributor screw idler gear, lower, assembled	29-30
A- 112	Distributor screw, back, gear guard, lower set, screw 8-32 x 3/8"	29-30	G-3278	Distributor screw idler gear, upper, assembled	29-30
D-1012	Distributor front screw, lower, gear stop pin 3/32" x 9/16"	29-30	G-3341	Distributor front screw, upper, upper set	30
D-1535	Distributor screw automatic set screw 8-32 x 3/16"	29-30	G-3342	Distributor front screw, upper, upper set, assembled	30
D-1890	Distributor screw idler gear, intermediate, stud washer	29-30	G-3343	Distributor front screw, upper, lower set	30
D-1890	Distributor front screw intermediate gear stud washer, upper set	29-30	G-3344	Distributor front screw, upper, lower set, assembled	30
D-1890	Distributor screw idler gear, lower, stud washer	29-30	G-3348	Distributor front screw, lower, upper set	30
D-1890	Distributor screw idler gear, upper, stud washer	29-30	G-3350	Distributor front screw, lower, lower set	30
E- 539	Distributor screw idler gear, lower, upper and intermediate, stud nut 3/8"-32 x 1/2"	29-30	G-3405	Distributor front screw, lower, automatic spring	30
E- 539	Distributor front screw intermediate gear stud nut, upper set 3/8"-32 x 1/2"	29-30	G-3564	Distributor screw idler gear, lower, upper and intermediate, stud 3/8"-32	29-30
G- 228	Distributor front screw, lower, gear pin 3/32" x 9/32"	29-30	G-3564	Distributor front screw intermediate gear stud, upper set 3/8"-32	29-30
G- 532	Distributor front screw, lower, automatic stop pin 3/32" x 15/32"	29-30	G-3635	Distributor front screw, upper, gear, small, lower set, pin (oversize), .162" x 15/16"	29-30
G- 702	Distributor front screw, lower, automatic pin 3/32" x 9/16"	29-30	G-3635	Distributor front screw, upper, gear, small, upper set, pin (oversize), .162" x 15/16"	29-30
G- 702	Distributor front screw, upper, automatic pin 3/32" x 9/16"	29-30	G-3637	Distributor front screw, upper, gear, large, lower set, pin (oversize), .130" x 15/16"	29-30
G-1525	Distributor front screw, lower, automatic, upper set	29-30	G-3637	Distributor front screw, upper, gear, large, upper set, pin (oversize), .130" x 15/16"	29-30
G-1525	Distributor front screw, lower, automatic, lower set	29-30	G-3999	Distributor screw idler gear, lower, upper and intermediate, stud nut lock washer	29-30
G-1526	Distributor front screw, upper, automatic, upper set	29-30	G-3999	Distributor front screw intermediate gear stud, upper set, nut lock washer	29-30
G-1526	Distributor front screw, upper, automatic, lower set	29	G-4043	Distributor front screw, lower, upper set	29
G-1527	Distributor front screw, lower, automatic spring	29	G-4044	Distributor front screw, upper, upper set	29
G-1801	Distributor front screw, lower, automatic, upper set, spring hook	29-30	G-4045	Distributor front screw, upper, upper set, assembled	29
G-1801	Distributor front screw, lower, automatic, lower set, spring hook	29-30	G-4086	Distributor screw, back, gear guard, lower set	30
G-3028	Distributor front screw, upper, lower set	29	G-4087	Distributor screw, front, gear guard, r.h., upper set	29-30
G-3030	Distributor front screw, lower, lower set	29	G-4375	Distributor screw, back, gear guard, lower set	29-30
G-3037	Distributor front screw, upper, gear, small, upper set	29-30	G-4397	Distributor screw, front, gear guard, r.h., upper set	29
G-3037	Distributor front screw, upper, gear, small, lower set	29-30	H- 56	Distributor front screw, upper, gear, small, upper set, pin 5/32" x 15/16"	29-30
G-3038	Distributor front screw, upper, gear, large, upper set	29-30	H- 56	Distributor front screw, upper, gear, small, lower set, pin 5/32" x 15/16"	29-30
G-3038	Distributor front screw, upper, gear, large, lower set	29-30	H-1235	Distributor front screw, lower, automatic, upper set, spring hook rivet, short 1/16" x 11/32"	29-30
G-3043	Distributor front screw, lower, gear, upper set	29-30	H-1235	Distributor front screw, lower, automatic, lower set, spring hook rivet, short 1/16" x 11/32"	29-30
G-3043	Distributor front screw, lower, gear, lower set	29	J- 136	Distributor front screw, lower, automatic, lower set, spring hook rivet, long 1/16" x 1/2"	29-30
G-2131	Distributor front screw, upper, lower set, assembled	29	J- 136	Distributor front screw, lower, automatic, upper set, spring hook rivet, long 1/16" x 1/2"	29-30
G-3162	Distributor screw, back, gear guard, lower set, dowel 1/18" x .395"	29-30	J- 247	Distributor screw gear time pin 1/16" x 3/8"	29-30
G-3203	Distributor screw, front, gear guard, r.h., upper set	29-30	J- 995	Distributor front screw, upper, gear, large, lower set, pin 1/8" x 15/16"	29-30
G-3204	Distributor screw, front, gear guard, lower set	29-30	J- 995	Distributor front screw, upper, gear, large, upper set, pin 1/8" x 15/16"	29-30
G-3205	Distributor screw, back, gear guard, lower set	29-30			
G-3237	Distributor screw idler gear, upper, bushing	29-30			
G-3274	Distributor front screw intermediate gear, upper set, bushing	29-30			
G-3274	Distributor screw idler gear, intermediate, bushing	29-30			
G-3274	Distributor screw idler gear, lower, bushing	29-30			
G-3275	Distributor front screw intermediate gear, upper set, assembled	29-30			

Please Give Model and Serial Number When Ordering



B- 217	Distributor screw guard operating link lever spring eye screw	30	G-4084	Distributor screw guard operating link, assembled	30
B- 614	Distributor screw guard connecting link stud washer	29-30	G-4358	Distributor screw guard operating link spring	29-30
B- 614	Distributor screw guard operating link stud washer	29-30	G-4359	Distributor screw guard operating link, long	29-30
C- 535	Distributor screw guard operating lever, lower, spring collar screw 10-32 x 3/8"	30	G-4372	Distributor screw guard operating link, assembled	29-30
D- 331	Distributor screw guard operating lever, lower, back, bracket dowel 1/8" x 9/16"	30	G-4401	Distributor screw guard operating link spring	29-30
D- 802	Distributor screw guard operating link lever spring eye screw nut	30	G-4426	Distributor screw guard operating link, lower	29-30
D-5445	Distributor screw guard lever, auxiliary, operating piece screw	30	G-4440	Distributor screw guard lever, auxiliary	30
E- 84	Distributor screw guard operating lever, lower, front, pin	30	G-4514	Distributor screw guard lever operating screw	29-30
E- 523	Distributor screw guard operating lever, lower, back, link connecting stud stop washer	30	G-4519	Distributor screw guard lever, auxiliary, operating piece, front	30
E-3752	Distributor screw guard operating lever link spring	30	G-4520	Distributor screw guard lever, auxiliary, operating piece, back	30
F- 64	Distributor screw guard operating lever, lower, back, bracket screw 1/4"-24 x 23/32"	30	G-4521	Distributor screw guard operating link collar	29-30
G- 126	Distributor screw guard lever operating screw	29	G-4522	Distributor screw guard operating link, upper	29-30
G- 139	Distributor screw guard operating lever link spring hook	30	G-4524	Distributor screw guard operating link, assembled	29-30
G- 892	Distributor screw guard lever fulcrum screw	29	G-4601	Distributor screw guard operating link spring	29
G- 955	Distributor screw guard operating link, lower, stud	29-30	G-4602	Distributor screw guard operating link spring eye	30
G-2790	Distributor screw guard operating link spring eye	29-30	G-4603	Distributor screw guard operating link lever spring eye	30
G-3833	Distributor screw guard operating lever, lower, front, link connecting stud	30	G-4604	Distributor screw guard operating link lever spring	30
G-3833	Distributor screw guard operating link stud	29-30	I- 477	Distributor screw guard lever banking screw	29
G-3833	Distributor screw guard operating lever, lower, back, link connecting stud	30	I-5605	Distributor screw guard operating lever, lower, link, short, end	30
G-3834	Distributor screw guard operating link, short	30	I-5606	Distributor screw guard operating lever, lower, link, long, end	30
G-3835	Distributor screw guard operating link, long	30	I-5614	Distributor screw guard operating lever, lower, back, bracket	30
G-3836	Distributor screw guard operating link turnbuckle	30	I-5617	Distributor screw guard operating lever, lower, back	30
G-3836	Distributor screw guard operating lever, lower, link turnbuckle	30	I-5622	Distributor screw guard operating lever, lower, front	30
G-3837	Distributor screw guard operating link, assembled	30	I-5623	Distributor screw guard operating lever, lower, back, fulcrum stud	30
G-3869	Distributor screw guard operating lever, lower, back, link connecting stud nut	30	I-5628	Distributor screw guard operating lever, lower, spring collar	30
G-3963	Distributor screw guard lever	29	I-5631	Distributor screw guard operating lever, lower, link turnbuckle lock nut, r.h. 5/16"-24 x 1/2"	30
G-4083	Distributor screw guard operating link, long	30	I-5631	Distributor screw guard operating link turnbuckle lock nut, r.h. 5/16"-24 x 1/2"	30
			I-5642	Distributor screw guard operating lever, lower, link, assembled	30
			I-5811	Distributor screw guard operating lever, lower, link turnbuckle lock nut, l.h. 5/16"-24 x 1/2" l.h. thds.	30
			I-5958	Distributor screw guard operating link collar dowel	29-30
			J- 223	Distributor screw guard operating link collar screw	29-30
			J-1228	Distributor screw guard operating link stud nut 10-32 x 5/16"	30

Please Give Model and Serial Number When Ordering



G-3034



G-3091



G-3566

G-1107



G-1218

G-3351  
G-4648 (ELEC. SAFETY)

E-224



D-572



G-3092



G-3922



G-1370



C-42



B-209



G-4683 (ELEC. SAFETY)



D-168

G-3569  
G-4647 (ELEC. SAFETY)

G-240

G-3570  
G-4649 (ELEC. SAFETY)

G-3090

G-3035  
G-4650 (ELEC. SAFETY)

## Distributing Mechanism

## Models 29-30

## Distributor 327

B- 209	Distributor box chute matrix guide collar set screw 1/4"-24 x 5/16"	29-30	G-1218	Distributor box chute matrix guide detent spring	29-30
C- 42	Distributor screw bearing, r.h., lower set, screw 3/8"-18 x 7/8"	29-30	G-1370	Distributor screw bearing, r.h., lower set, oil tube	29-30
C- 42	Distributor screw, front, bearing, r.h., upper set, screw 3/8"-18 x 7/8"	29-30	G-3034	Distributor screw, front, bearing, l.h., upper set	29
D- 168	Distributor box chute matrix deflector screw 4-48 x 1/4"	29-30	G-3035	Distributor screw bearing, l.h., lower set, front	29-30
D- 572	Distributor screw, front, bearing, l.h., lower set, dowel 3/16" x 13/16"	29-30	G-3090	Distributor box chute matrix guide detent	29-30
D- 572	Distributor screw, front, bearing, r.h., upper set, dowel 3/16" x 13/16"	29-30	G-3091	Distributor box chute matrix guide detent screw 8-32 x 1"	29-30
D- 572	Distributor screw bearing, r.h., lower set, dowel 3/16" x 13/16"	29-30	G-3092	Distributor box chute matrix guide collar	29-30
D- 572	Distributor screw, front, bearing, l.h., upper set, dowel 3/16" x 13/16"	29-30	G-3322	Distributor box chute matrix deflector	29-30
E- 224	Distributor screw, front, bearing, l.h., screw, upper set 5/16"-18 x 11/16"	29-30	G-3351	Distributor screw, front, bearing, l.h., upper set	29-30
E- 224	Distributor screw, front, bearing, l.h., screw, lower set 5/16"-18 x 11/16"	29-30	G-3566	Distributor screw bearing, r.h., guide key, lower set	29-30
G- 240	Distributor screw, front, bearing, l.h., upper set, dowel	29-30	G-3566	Distributor screw, front, bearing, r.h., guide key, upper set	29-30
G- 240	Distributor screw, front, bearing, l.h., lower set, dowel	29-30	G-3569	Distributor screw, front, bearing, r.h., upper set	29-30
G-1107	Distributor screw, front, bearing, l.h., key, upper set	29-30	G-3570	Distributor screw bearing, r.h., upper set	29-30
G-1107	Distributor screw, front, bearing, l.h., key, lower set	29-30	G-4647	Distributor screw, front, bearing, r.h., upper set (electromatic safety)	29-30
			G-4648	Distributor screw, front, bearing, l.h., upper set (electromatic safety)	29-30
			G-4649	Distributor screw, bearing, r.h., lower set (electromatic safety)	29-30
			G-4650	Distributor screw, bearing, l.h., lower set, front (electromatic safety)	29-30
			G-4683	Distributor box safety switch bracket (electromatic safety)	29-30

Please Give Model and Serial Number When Ordering

G-3820 (30)  
G-4807 (30) (ELEC SAFETY)

G-3826

G-4808 (30) (ELEC SAFETY)

G-3838 (30)

G-4516 (30) (WITH G-4429)

G-3883 (29)  
G-4802 (29) (ELEC SAFETY)

G-3901

G-3903 (29) (WITH G-3952)  
G-4373 (29) (WITH G-4362)  
G-4803 (29) (ELEC SAFETY)

I-567

G-4439

G-3851

G-3821

D-145

G-3955

C-42

G-3825

G-3964

G-939

E-25

G-3827

J-223

G-3962

D-401

G-4362

G-3950 (29)  
G-4800 (29) (ELEC SAFETY)  
G-3949 (30)  
G-4806 (30) (ELEC SAFETY)

G-3936

G-3902 (29) (WITH G-3824)  
G-4801 (29) (ELEC SAFETY)

G-3828 (30) (WITH G-4194)  
G-4806 (30) (ELEC SAFETY)

H-387

G-4394

G-3824

G-3829

8-614

G-118

G-2790

G-3948

G-3831

G-4666 (29-30)  
(ELEC SAFETY)

G-3048 (29)  
(ELEC SAFETY)

G-3047 (30)  
G-4804 (29-30) (ELEC SAFETY)

G-3951

G-2556 (A=1")  
I-1027 (A=1/8")

C-476

G-3832

G-3833

G-3398

G-3830

E-371

G-3952

E-370

J-1228

E-2592

G-2465

## Distributing Mechanism

## Models 29-30

## Distributor 329

B- 614 Distributor screw guard connecting link stud washer	29-30	G-3833 Distributor screw guard connecting link stud	29-30
C- 42 Distributor screw guard, lower, bracket, r.h., screw 3/8"-16 x 7/8"	29	G-3838 Distributor screw guard, lower, assembled	30
C- 476 Distributor belt hook	29-30	G-3851 Distributor screw guard, lower, stop screw 10-32 x 15/16"	29-30
D- 145 Distributor screw guard bracket dowel 1/8" x 5/8"	29-30	G-3893 Distributor screw guard, lower	29
D- 401 Distributor screw guard, upper, dowel 1/8" x 7/16"	29-30	G-3901 Distributor screw guard, lower, shaft	29
D- 401 Distributor screw guard, lower, dowel 1/8" x 7/16"	29-30	G-3902 Distributor screw guard, upper, assembled	29
E- 25 Distributor screw guard, upper, shaft collar set screw 8-32 x 1/4"	29	G-3903 Distributor screw guard, lower, assembled	29
E- 25 Distributor screw guard, lower, shaft collar set screw 8-32 x 1/4"	29	G-3936 Distributor screw guard, upper, shaft	29
E- 370 Distributor screw guard, upper, l.h., end piece bracket screw 3/8"-16 x 3/4"	30	G-3948 Distributor screw guard, upper, l.h., end piece	29-30
E- 370 Distributor screw guard bracket screw 3/8"-16 x 3/4"	29-30	G-3949 Distributor screw guard, upper	30
E- 371 Distributor screw guard, upper, l.h., end piece bracket screw 3/8"-16 x 1/2"	29	G-3950 Distributor screw guard, upper	29
E-2592 Distributor screw guard lever adjusting screw 10-32 x 31/32"	29	G-3951 Distributor screw guard, upper, l.h., end piece bracket	29
G- 118 Distributor screw guard, upper, l.h., end piece screw 6-48 x 5/16"	29-30	G-3952 Distributor screw guard, upper, l.h., end piece bracket screw washer	29
G- 939 Distributor screw guard, lower, arm, r.h., spring eye	29	G-3955 Distributor screw guard, lower, bracket, r.h.	29
G-2465 Distributor belt, assembled	29-30	G-3962 Distributor screw guard, lower, arm, r.h.	29
G-2556 Distributor screw guard, upper, spring	30	G-3964 Distributor screw guard, lower, arm, r.h., spring	29
G-2790 Distributor screw guard, upper, spring eye	30	G-4362 Distributor screw guard, lower, arm, r.h.	29
G-3047 Distributor screw guard, upper, l.h., end piece bracket	30	G-4373 Distributor screw guard, lower, assembled	29
G-3048 Distributor screw guard bracket, r.h.	29	G-4394 Distributor screw guard, upper, arm, center	29-30
G-3398 Distributor screw guard, lower and upper, connecting link turnbuckle lock nut 1/4"-24 x 3/8"	29-30	G-4439 Distributor screw guard, lower, bracket, intermediate	30
G-3820 Distributor screw guard, lower	30	G-4516 Distributor screw guard, lower, assembled	30
G-3821 Distributor screw guard, lower, arm, center	30	G-4665 Distributor screw guard bracket, center	29-30
G-3824 Distributor screw guard, lower, arm	30	G-4800 Distributor screw guard, upper	29
G-3824 Distributor screw guard, upper, arm	29-30	G-4801 Distributor screw guard, upper, assembled	29
G-3824 Distributor screw guard, lower, arm, l.h.	29	G-4802 Distributor screw guard, lower	29
G-3825 Distributor screw guard, lower, bracket	30	G-4803 Distributor screw guard, lower, assembled	29
G-3825 Distributor screw guard, upper, bracket	29-30	G-4804 Distributor screw guard, bracket, l.h.	29-30
G-3825 Distributor screw guard, lower, bracket, l.h. and center	29-30	G-4805 Distributor screw guard, upper	30
G-3826 Distributor screw guard, lower, shaft	30	G-4806 Distributor screw guard, upper, assembled	30
G-3826 Distributor screw guard, upper, shaft	30	G-4807 Distributor screw guard, lower	30
G-3827 Distributor screw guard, lower, shaft collar	29	G-4808 Distributor screw guard, lower, assembled	30
G-3827 Distributor screw guard, upper, shaft collar	29	H- 387 Distributor screw guard, lower, arm pin 3/16" x 7/8"	29-30
G-3828 Distributor screw guard, upper, assembled	30	H- 387 Distributor screw guard, upper, shaft collar pin 3/16" x 7/8"	29
G-3829 Distributor screw guard, upper, connecting link	29-30	H- 387 Distributor screw guard, upper, arm pin 3/16" x 7/8"	29-30
G-3830 Distributor screw guard, lower, connecting link	29-30	H- 387 Distributor screw guard, lower, shaft collar pin 3/16" x 7/8"	29
G-3831 Distributor screw guard, lower and upper, connecting link turnbuckle	29-30	I- 567 Distributor screw guard, lower, stop screw 10-32 x 7/8"	29
G-3832 Distributor screw guard connecting link, assembled	29-30	I-1027 Distributor screw guard, upper, spring	30
		J- 223 Distributor screw guard, lower, screw 10-32 x 5/16"	29-30
		J- 223 Distributor screw guard, upper, screw 10-32 x 5/16"	29-30
		J-1228 Distributor screw guard, lower, stop screw nut 10-32 x 5/16"	29-30
		J-1228 Distributor screw guard lever adjusting screw lock nut 10-32 x 5/16"	29
		J-1228 Distributor screw guard connecting link stud nut 10-32 x 5/16"	29-30

Please Give Model and Serial Number When Ordering





G-2260



G-240



G-4085



G-3362



D-142



J-1086



A-13



G-1538



G-1540



G-111

G-3563 (30)  
G-3556 (29)

B-236



G-429



G-1938



G-2790



A-132



G-33



G-2259



G-3629



G-304



G-322



G-3333



G-58



G-3133



G-32



BB-138

## Distributing Mechanism

## Models 5-29-30-31-32

## Distributor Clutch 331

A- 13	Distributor clutch bracket screw 1/2"-12 x 1 3/4"	5-29-30-31-32	G- 322	Distributor clutch lever actuating spring	29-30
A- 132	Distributor clutch starting lever flange set screw 1/4"-24 x 7/16"	5-29-30-31-32	G- 429	Distributor clutch lever screw	5-29-30-31-32
B- 236	Distributor clutch lever adjusting screw 1/4"-24 x 1 1/4"	29	G-1538	Distributor clutch lever	5 31-32
BB-138	Distributor clutch flange spring washer screw 8-32 x 1/2"	5-29-30-31-32	G-1540	Distributor clutch lever hinge pin	5 31-32
D- 142	Distributor clutch lever adjusting screw bracket screw 1/4"-24 x 5/8"	29-30	G-1938	Distributor clutch bracket bearing cap, small	29-30
G- 32	Distributor clutch flange spring	5-29-30-31-32	G-2259	Distributor clutch starting lever flange	5-29-30-31-32
G- 33	Distributor clutch flange spring washer	5-29-30-31-32	G-2260	Distributor clutch bracket	5 31-32
G- 58	Distributor clutch lever actuating spring	5 31-32	G-2790	Distributor clutch actuating spring eye	29-30
G- 111	Distributor clutch lever hinge pin set screw 3/8"-18 x 7/16"	5 31-32	G-3133	Distributor clutch bracket bearing cap, large	29
G- 240	Distributor clutch bracket dowel 3/16" x 3/4"	5 31-32	G-3333	Distributor clutch bracket bearing cap, large	30
G- 304	Distributor clutch bracket bearing cap, large, screw 1/4"-24 x 1/2"	29-30	G-3362	Distributor clutch lever	29-30
G- 304	Distributor clutch bracket bearing cap, small, screw 1/4"-24 x 1/2"	29-30	G-3363	Distributor clutch lever hinge pin	30
			G-3558	Distributor clutch lever hinge pin	29
			G-3629	Distributor clutch lever actuating spring stud	29-30
			G-4085	Distributor clutch lever adjusting screw bracket	29-30
			J-1086	Distributor clutch lever hinge pin set screw 10-32 x 7/16"	29-30

Please Give Model and Serial Number When Ordering



G-3081 (5-11-32)



G-2949



G-702



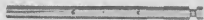
G-3358 (29-30)



G-1804



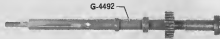
G-1934



G-3079



G-1549



G-4492

G-4496 (29-30)



G-1636



G-1933



G-36



H-56



G-282



G-3078



G-114



G-3357



G-34



C-147

G-2379  
G-2465 (29-30)

C-476



G-4491



E-424



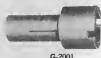
G-4488



G-4489



G-4490



G-2001



G-354



J-794



G-1848



G-1547



G-1549



I-1027



J-1784



G-3592



F-97



G-3574



G-955



C-231



G-2802



G-274



A-132



G-2380

G-3893  
G-4082 (29-30)

G-394



G-2748



G-2199



G-1061

## Distributing Mechanism

## Models 5-29-30-31-32

## Distributor Clutch 333

A- 132 Distributor clutch flange collar set screw 1/4"-24 x 7/16"	5-29-30-31-32	G-1934 Distributor clutch shaft collar, l.h., pin 5/32" x .836"	29-30
C- 147 Distributor clutch flange key pin 3/32" x 11/16"	5-29-30-31-32	G-2001 Distributor clutch flange, assembled	5-29-30-31-32
C- 231 Distributor clutch pulley washer screw 8-32 x 5/16"	5-29-30-31-32	G-2199 Distributor clutch spring collar	5-29-30-31-32
C- 476 Distributor belt hook	5-29-30-31-32	G-2379 Distributor belt, assembled	5-31-32
E- 424 Distributor clutch flange spring adjusting knob screw 1/4"-24 x 13/64"	29-30	G-2380 Distributor clutch pulley	5-29-30-31-32
F- 97 Distributor clutch flange collar screw 8-32 x 3/8"	5-29-30-31-32	G-2465 Distributor belt, assembled	29-30
G- 34 Distributor clutch flange key	5-29-30-31-32	G-2748 Distributor clutch pulley washer	29-30
G- 36 Distributor clutch shaft gear	5-31-32	G-2802 Distributor clutch spring hook	5-29-30-31-32
G- 114 Distributor clutch shaft screw	5-31-32	G-2949 Distributor clutch shaft collar	5-29-30-31-32
G- 274 Distributor clutch spring collar screw 8-32 x 3/8"	5-29-30-31-32	G-3078 Distributor clutch shaft washer	5-31-32
G- 282 Distributor clutch shaft washer screw 10-28 x 3/8"	5-31-32	G-3079 Distributor clutch shaft	5-31-32
G- 354 Distributor clutch stop, l.h., screw 8-48 x 5/16"	5-29-30-31-32	G-3081 Distributor clutch shaft, assembled	5-31-32
G- 394 Distributor clutch pulley washer	5-31-32	G-3357 Distributor clutch shaft	29-30
G- 702 Distributor clutch shaft collar pin 3/32" x 9/16"	5-31-32	G-3358 Distributor clutch shaft, assembled	29-30
G- 702 Distributor clutch shaft collar, r.h., pin 3/32" x 9/16"	29-30	G-3574 Distributor clutch pulley screw	5-29-30-31-32
G- 955 Distributor clutch pulley washer flange banking screw	5-29-30-31-32	G-3592 Distributor clutch balancing spring	5-29-30-31-32
G-1061 Distributor clutch flange collar	5-29-30-31-32	G-3593 Distributor clutch pulley washer flange	5-31-32
G-1547 Distributor clutch stop, r.h.	5-29-30-31-32	G-4062 Distributor clutch pulley washer flange	29-30
G-1548 Distributor clutch stop, l.h.	5-29-30	G-4488 Distributor clutch flange spring adjusting knob	29-30
G-1549 Distributor clutch friction collar stop screw 10-32 x 7/16"	29-30-31-32	G-4489 Distributor clutch flange spring adjusting knob shoe	29-30
G-1549 Distributor clutch pulley washer flange stop screw 10-32 x 7/16"	5-31-32	G-4490 Distributor clutch flange spring adjusting bushing	29-30
G-1604 Distributor clutch shaft collar, l.h.	29-30	G-4491 Distributor clutch flange spring	29-30
G-1636 Distributor clutch shaft collar, r.h.	29-30	G-4492 Distributor clutch shaft	29-30
G-1933 Distributor clutch shaft collar, r.h., pin 5/32" x .710"	29-30	G-4496 Distributor clutch shaft, assembled	29-30
		H- 56 Distributor clutch shaft gear pin 5/32" x 15/16"	5-31-32
		I-1027 Distributor clutch spring	5-29-30-31-32
		J- 794 Distributor clutch stop, r.h., screw 4-48 x 3/8"	5-29-30-31-32
		J-1784 Distributor clutch spring screw	5-29-30-31-32

Please Give Model and Serial Number When Ordering



I-5897 L.H.



I-5824 (S 31) R.H.



I-6149 (32) R.H.



I-1322



B-471



I-1636



H-144



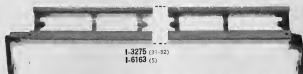
I-5931



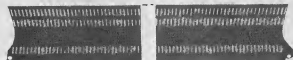
D-802



I-6167 (31)  
I-6168 (32)  
I-6736 (32) FROM SERIAL NO. 53875  
I-6736 (S 31) FROM SERIAL NO. 53875



I-3275 (31-32)  
I-6163 (5)



I-3274  
I-6162 FROM SERIAL NO. 53436



I-3270  
I-6161 FROM SERIAL NO. 53436



I-680



I-828



I-6730



I-3273



BB-148



D-2172



I-5877



I-5925



J-463



I-5870 L.H.



I-5869 L.H.



I-6166



I-3335



E-3674

8- 471 Channel entrance frame hinge bracket adjusting screw 8-32 x 7/8"	31-32	I-5877 Channel entrance frame hinge bracket screw washer	5-31-32
BB-148 Channel entrance handle screw 8-32 x 5/16"	5-31-32	I-5897 Channel entrance frame hinge bracket, l.h.	5-31-32
D- 802 Channel entrance frame hinge bracket adjusting screw lock nut 8-32 x 5/16"	5-31-32	I-5925 Channel entrance frame hinge bracket adjusting screw bracket screw	5
D-2172 Channel entrance partition locking bar screw 8-32 x 13/16"	5-31-32	I-5931 Channel entrance frame hinge bracket screw 1/4"-24 x 15/32"	5-31-32
D-2172 Channel entrance frame hinge bracket adjusting screw	5	I-6149 Channel entrance frame hinge bracket, r.h.	32
E-3674 Channel entrance adjusting screw	5-31-32	I-6161 Channel entrance partition locking strip	5
H- 144 Channel entrance hinge pin set screw 8-32 x 5/16"	5-31-32	I-6162 Channel entrance partition plate	5
H- 144 Channel entrance frame hinge pin set screw	5	I-6163 Channel entrance frame	5
I- 628 Channel entrance partition locking rod, 22 31/32" long	5-31-32	I-6167 Channel entrance, assembled	31
I- 680 Channel entrance partition locking bar	5-31-32	I-6168 Channel entrance, assembled	32
I-1322 Channel entrance adjusting screw 1/4"-24 x 1 1/8"	5-31-32	I-6730 Matrix guard	5-31-32
I-1636 Channel entrance handle	5-31-32	I-6735 Channel entrance, assembled	32
I-3270 Channel entrance partition locking strip	31-32	I-6736 Channel entrance, assembled	5-31
I-3273 Matrix guard	31-32	I-8020 Channel entrance bracket, r.h., assembled	31-32
I-3274 Channel entrance partition plate	31-32	I-8021 Channel entrance bracket, l.h., assembled	31-32
I-3275 Channel entrance frame	31-32	J- 463 Channel entrance adjusting screw nut 1/4"-24 x 3/8"	5-31-32
I-3277 Channel entrance, assembled	31		
I-3278 Channel entrance, assembled	32		
I-3335 Channel entrance partition plate screw	5-31-32		
I-5824 Channel entrance frame hinge bracket, r.h.	5-31		
I-5869 Channel entrance frame hinge pin	5-31		
I-5869 Channel entrance frame hinge pin, l.h.	32		
I-5870 Channel entrance frame hinge pin, r.h.	32		

Parts Not Illustrated

I-5864 Channel entrance bracket, r.h.	31-32
I-5865 Channel entrance bracket, l.h.	31-32
I-5932 Channel entrance bracket, r.h., assembled	31-32
I-5935 Channel entrance bracket, l.h., assembled	31-32
I-7339 Channel entrance bracket, r.h.	5
I-7340 Channel entrance bracket, l.h.	5

Please Give Model and Serial Number When Ordering



I-8045



G-397



I-8046



J-463



I-7623



J-5498

I-7848



I-7849

I-8047



I-8054

I-7844



I-7845

I-8039



I-8053



I-7461



H-177



I-7836



E-168



G-4635



D-1401



G-139



G-183



F-584



I-7826

I-7827 (A = 19 5/8")  
I-7851 (A = 18 27/64")

D-991



G-781



I-7581



I-7580



I-7583



G-3398



F-2438



D-840



I-7582



G-2318



I-570



J-1218



C-297



BB-213



I-7425



I-7424



I-7840



I-7838



I-7842



I-7841



I-7839



G-4601

## Distributing Mechanism

## Models 29-30

## Channel Entrance 337

88-213	Channel entrance frame throwout lever lock stud, lower	30	I-7580	Channel entrance frame throwout lever link operating lever, front, clevis stud	30
C- 297	Channel entrance frame throwout lever lock support nut 5/16"-18 x 1/4"	30	I-7581	Channel entrance frame throwout lever link operating lever, front, clevis	30
D- 840	Channel entrance frame throwout lever link operating lever, front, clevis screw	30	I-7582	Channel entrance frame throwout lever link operating lever, front, link, r.h.	30
D- 991	Channel entrance frame throwout lever link, front, clevis stud screw	30	I-7583	Channel entrance frame throwout lever link operating lever, front, link, l.h.	30
D-1401	Distributor screw guard safety stop screw 8-32 x 9/16"	29-30	I-7623	Channel entrance frame throwout lever link lever	30
E- 168	Distributor screw guard safety stop dowel 1/8" x 1/2"	29-30	I-7826	Channel entrance, upper, throwout lever, l.h., adjusting screw	29-30
F- 584	Channel entrance frame throwout lever, r.h., adjusting screw 1/4"-24 x 19/32"	29-30	I-7827	Channel entrance, upper, throwout lever link, l.h.	29-30
F-2438	Distributor screw guard lever operating screw lock washer	29-30	I-7836	Channel entrance frame throwout lever link stud, upper	29-30
G- 139	Channel entrance frame throwout lever link spring hook	29-30	I-7838	Channel entrance frame throwout lever, r.h., stud	29-30
G- 183	Channel entrance frame throwout lever link spring	29	I-7839	Channel entrance frame throwout lever, r.h.	29
G- 397	Channel entrance frame shoe dowel 1/8" x 11/32"	29-30	I-7840	Channel entrance frame throwout lever, r.h.	30
G- 781	Channel entrance, upper, throwout lever link, l.h., stud, lower	29-30	I-7841	Channel entrance frame throwout lever, r.h., assembled	29
G-2318	Channel entrance frame throwout lever screw 1/4"-24 x 1/2"	29-30	I-7842	Channel entrance frame throwout lever, r.h., assembled	30
G-3398	Channel entrance frame throwout lever, r.h., adjusting screw nut 1/4"-24 x 1/8"	29-30	I-7844	Channel entrance frame throwout lever link	29
G-3398	Channel entrance, upper, throwout lever, l.h., adjusting screw nut 1/4"-24 x 1/8"	29-30	I-7845	Channel entrance frame throwout lever link, assembled	29
G-3398	Channel entrance, upper, throwout lever, l.h., adjusting screw nut 1/4"-24 x 1/8"	29-30	I-7848	Channel entrance frame throwout lever link	30
G-3398	Distributor screw guard lever operating screw nut 1/4"-24 x 1/8"	29-30	I-7849	Channel entrance frame throwout lever link, assembled	30
G-4601	Distributor screw guard operating link spring	29	I-7851	Channel entrance, upper, throwout lever, l.h., link	29-30
G-4635	Distributor screw guard safety stop	29-30	I-8039	Channel entrance frame throwout lever link	29
H- 177	Channel entrance frame throwout lever link stud set screw 8-32 x 1/4"	29	I-8045	Channel entrance frame throwout lever link support	30
H- 177	Channel entrance frame throwout lever link stud, upper set screw 8-32 x 1/4"	30	I-8046	Channel entrance frame throwout lever link support stud	30
I- 570	Channel entrance throwout lever link stud	29-30	I-8047	Channel entrance frame throwout lever link	30
I-7424	Channel entrance, upper, throwout lever, l.h.	29-30	I-8053	Channel entrance frame throwout lever link, assembled	29
I-7425	Channel entrance, upper, throwout lever, l.h.	29-30	I-8054	Channel entrance frame throwout lever link, assembled	30
I-7461	Channel entrance frame throwout lever link stud, lower	29	J- 463	Channel entrance frame throwout lever link support stud nut 1/4"-24 x 9/16"	30
			J-1218	Channel entrance frame throwout lever stud pin	29-30
			J-5498	Channel entrance frame throwout lever link operating lever, front, clevis stud screw lock washer	30

Please Give Model and Serial Number When Ordering





I-3271



I-7354



I-3272



I-5586

I-6164 (TO SERIAL NO. 53856)  
I-6731 (FROM SERIAL NO. 53857)I-6165 (TO SERIAL NO. 53856)  
I-6732 (FROM SERIAL NO. 53857)I-6178 (TO SERIAL NO. 53856)  
I-6734 (FROM SERIAL NO. 53857)

I-7135



I-6162

I-1173 (3 1/2" LONG)  
I-1645 (4" LONG)

I-5248



F-235



I-6161



D-532



I-6166



B-217



I-7903



I-2689



I-2066



G-118



B-236



D-396



G-1541



B8-148



D-131



I-1013



I-1014



I-1015



D-714



D-1377

B-237  
G-3398

F-2438



I-3294



G-1173

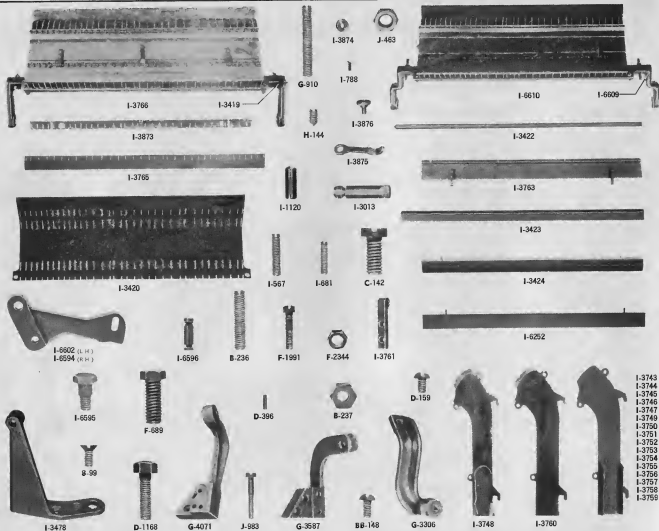
## Distributing Mechanism

## Models 5-31-32

## Channel Entrance 339

B- 217	Channel entrance buffer screw 8-32 x 1/4"	5-31-32	1-1645	Channel entrance spring	32
B- 236	Distributor clutch lever adjusting screw 1/4"-24 x 1 1/4"	5-31-32	1-2066	Channel entrance frame extension	31-32
B- 237	Distributor clutch lever adjusting screw nut 1/4"-24 x 1/2"	5-31-32	1-2689	Channel entrance buffer	5-31-32
BB-148	Distributor clutch lever adjusting screw bracket screw 8-32 x 5/16"	5-31-32	1-3271	Channel entrance partition crimped (Nos. 1-14, 19-29, 34-60)	31-32
D- 131	Channel entrance bracket, r.h., screw 3/8"-18 x 1 1/8"	31-32	1-3272	Channel entrance partition lug (Nos. 30-33 and 61-92)	31-32
D- 131	Channel entrance bracket, l.h., screw 3/8"-18 x 1 1/8"	31-32	1-3294	Channel entrance locating block	5-31-32
D- 396	Distributor clutch lever adjusting screw bracket dowel .088" x 1/4"	5-31-32	1-5248	Channel entrance spring screw	5-31-32
D- 532	Channel entrance spring stud	5	1-5986	Channel entrance partition lug, assembled (Nos. 15-16)	31-32
D- 714	Channel entrance latch pin 3/32" x 1/2"	5-31-32	1-6161	Channel entrance partition locking strip	5-31-32
D-1377	Channel entrance latch screw	5-31-32	1-6162	Channel entrance partition plate	5-31-32
F- 235	Channel entrance spring hook	5-31-32	1-6164	Channel entrance partition crimped (Nos. 1-14, 19-29, 34-60)	31-32
F-2438	Distributor screw guard lever operating screw lock washer	5-31-32	1-6165	Channel entrance partition lug (Nos. 30-33, 61-92)	31-32
G- 118	Channel entrance frame extension screw 6-48 x 5/16"	31-32	1-6166	Channel entrance partition plate screw	31-32
G-1173	Channel entrance locating block screw 8-32 x 1/2"	5-31-32	1-6176	Channel entrance partition lug, assembled (Nos. 15, 16, 17, 18)	31-32
G-1541	Distributor clutch lever adjusting screw bracket	5-31	1-6731	Channel entrance partition crimped (Nos. 1-14, 19-29, 34-60)	31-32
G-3398	Channel entrance frame throwout lever link stud, lower, nut	31	1-6732	Channel entrance partition lug (Nos. 30-33, 61-92)	5-31-32
G-3398	Distributor screw guard lever operating screw nut	5-31-32	1-6734	Channel entrance partition lug, assembled (Nos. 15, 16, 17, 18)	5-31-32
I-1013	Channel entrance latch	31-32	1-7135	Channel entrance partition (fender) assembled (Nos. 1-14, 19-29, 34-60)	5-31-32
I-1014	Channel entrance latch spring	31-32	1-7354	Channel entrance partition (fender) assembled	31-32
I-1015	Channel entrance latch stop	5-31-32	1-7903	Channel entrance buffer	5
I-1173	Channel entrance spring	5-31			

Please Give Model and Serial Number When Ordering



## Distributing Mechanism

## Model 32

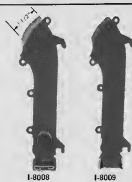
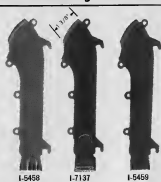
## Channel Entrance, Auxiliary 341

B- 99	Channel entrance, auxiliary, support screw 8-32 x 3/8"	32	I-3748	Channel entrance, auxiliary, partition, assembled, Nos. 16 and 34	32
B- 236	Distributor clutch lever adjusting screw 1/4"-24 x 1 1/4"	32	I-3749	Channel entrance, auxiliary, partition, assembled, No. 17	32
B- 237	Distributor clutch lever adjusting screw nut 1/4"-24 x 1 1/2"	32	I-3750	Channel entrance, auxiliary, partition, assembled, No. 18	32
BB-148	Distributor clutch lever adjusting screw bracket screw 8-32 x 5/16"	32	I-3751	Channel entrance, auxiliary, partition, assembled, No. 21	32
C- 142	Channel entrance, auxiliary, bracket screw 3/8"-16 x 3/4"	32	I-3752	Channel entrance, auxiliary, partition, assembled, No. 22	32
D- 159	Channel entrance, auxiliary, partition plate screw 8-32 x 3/16"	32	I-3753	Channel entrance, auxiliary, partition, assembled, No. 23	32
D- 396	Distributor clutch lever adjusting screw bracket dowel .066" x 1/4"	32	I-3754	Channel entrance, auxiliary, partition, assembled, Nos. 24 and 25	32
D-1168	Channel entrance, auxiliary, supporting screw 1/4"-24 x 1"	32	I-3755	Channel entrance, auxiliary, partition, assembled, No. 26	32
F- 689	Channel entrance, auxiliary, hinge support screw 1/4"-24 x 3/4"	32	I-3756	Channel entrance, auxiliary, partition, assembled, No. 27	32
F-1991	Channel entrance, auxiliary, hinge pin adjusting bearing gib screw 8-32 x 3/4"	32	I-3757	Channel entrance, auxiliary, partition, assembled, No. 29	32
F-2344	Channel entrance, auxiliary, hinge support adjusting screw nut 10-32 x 3/32"	32	I-3758	Channel entrance, auxiliary, partition, assembled, No. 31	32
G- 910	Channel entrance adjusting screw 1/4"-24 x 1 3/4"	32	I-3759	Channel entrance, auxiliary, partition, assembled, No. 33	32
G-3306	Distributor clutch lever adjusting screw bracket	32	I-3760	Channel entrance, auxiliary, partition, No. 35	32
G-3587	Distributor clutch lever adjusting screw bracket and pi chute support (72-90)	32	I-3761	Channel entrance, auxiliary, partition plate, center section, hinge	32
G-4071	Distributor clutch lever adjusting screw bracket pi chute support	32	I-3763	Channel entrance, auxiliary, partition plate, center section, assembled	32
H- 144	Channel entrance, auxiliary, hinge pin set screw 8-32 x 5/16"	32	I-3765	Channel entrance, auxiliary, partition locking strip, upper	32
I- 567	Channel entrance, auxiliary, hinge support adjusting screw 10-32 x 7/8"	32	I-3766	Channel entrance, auxiliary, assembled	32
I- 681	Channel entrance, auxiliary, partition locking bar screw 8-32 x 11/16"	32	I-3873	Channel entrance, auxiliary, partition locking strip, lower, assembled	32
I- 788	Channel entrance, auxiliary, partition plate, center section, hinge rivet	32	I-3874	Channel entrance, auxiliary, partition locking strip, lower, latch washer	32
I-1120	Channel entrance, auxiliary, bracket dowel 1/4" x 3/8"	32	I-3875	Channel entrance, auxiliary, partition locking strip, lower, latch	32
I-3013	Channel entrance, auxiliary, hinge pin	32	I-3876	Channel entrance, auxiliary, partition locking strip, lower, latch stud	32
I-3419	Channel entrance, auxiliary, frame	32	I-6252	Matrix guard, auxiliary	32
I-3420	Channel entrance, auxiliary, partition plate	32	I-6584	Channel entrance, auxiliary, hinge support, r.h.	32
I-3422	Channel entrance, auxiliary, partition locking rod	32	I-6595	Channel entrance, auxiliary, hinge support screw	32
I-3423	Channel entrance, auxiliary, partition locking bar	32	I-6596	Channel entrance, auxiliary, hinge pin	32
I-3424	Matrix guard, auxiliary	32	I-6602	Channel entrance, auxiliary, hinge support, l.h.	32
I-3478	Channel entrance, auxiliary, support	32	I-6609	Channel entrance, auxiliary, frame	32
I-3743	Channel entrance, auxiliary, partition, assembled, Nos. 1 to 11	32	I-6610	Channel entrance, auxiliary, assembled	32
I-3744	Channel entrance, auxiliary, partition, assembled, No. 12	32	J- 463	Channel entrance, auxiliary, adjusting screw nut 1/4"-24 x 3/8"	32
I-3745	Channel entrance, auxiliary, partition, assembled, Nos. 13, 20, 28 and 30	32	J- 463	Channel entrance, auxiliary, support adjusting screw nut 1/4"-24 x 3/8"	32
I-3746	Channel entrance, auxiliary, partition, assembled, No. 14	32	J- 983	Distributor clutch lever adjusting screw bracket and pi chute support screw 5-40 x 7/8"	32
I-3747	Channel entrance, auxiliary, partition, assembled, Nos. 15, 19 and 32	32			

## Parts Not Illustrated

I-6599	Channel entrance, auxiliary, bracket, r.h., assembled	32
I-6604	Channel entrance, auxiliary, bracket, l.h., assembled	32

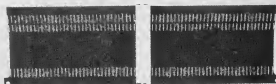
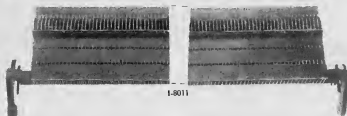
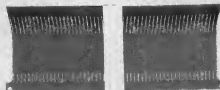
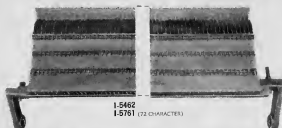
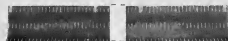
Please Give Model and Serial Number When Ordering



(72 CHARACTER)  
I-5689 I-5703  
I-5690 I-5704  
I-5691 I-5705  
I-5692 I-5709  
I-5695 I-5711  
I-5698 I-5712  
I-5699 I-5715  
I-5700 I-5754  
I-5701 I-5756  
I-5702 I-5758



(72 CHARACTER)



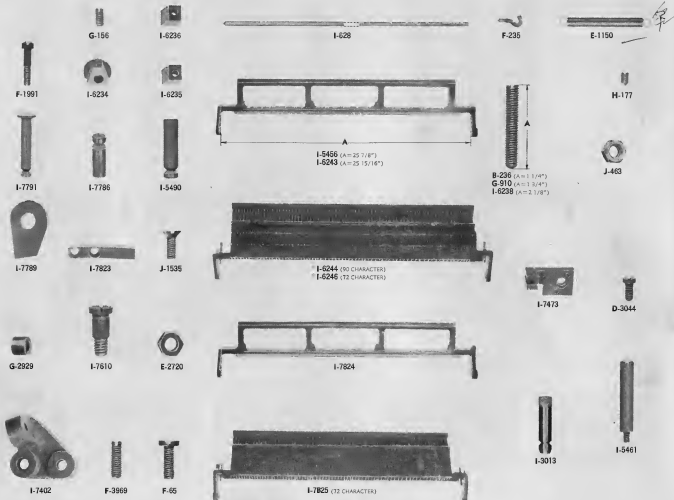
## Distributing Mechanism

## Models 29-30

## Channel Entrance, Upper 343

D- 159	Channel entrance, upper, partition plate screw 8-32 x 3/16"	29-30	I-5705	Channel entrance, upper, 72 character, partition No. 36, assembled	29-30
I- 680	Channel entrance, upper, partition locking bar	29-30	I-5706	Channel entrance, upper, 72 character, partition with protecting leaf No. 31, assembled	29-30
I- 681	Channel entrance, upper, partition locking bar screw 8-32 x 11/16"	29-30	I-5707	Channel entrance, upper, 72 character, partition with protecting leaf Nos. 43 and 48, assembled	29-30
I-5457	Channel entrance, upper, partition plate, lower	29-30	I-5708	Channel entrance, upper, 72 character, partition with protecting leaf No. 54, assembled	29-30
I-5458	Channel entrance, upper, partition crimped	29-30	I-5709	Channel entrance, upper, 72 character, partition Nos. 55 and 61, assembled	29-30
I-5459	Channel entrance, upper, partition lug	29-30	I-5710	Channel entrance, upper, 72 character, partition with protecting leaf Nos. 59 and 63, assembled	29-30
I-5460	Channel entrance, upper, partition plate, upper	29-30	I-5711	Channel entrance, upper, 72 character, partition No. 67, assembled	29-30
I-5462	Channel entrance, upper, assembled	29-30	I-5712	Channel entrance, upper, 72 character, partition No. 71, assembled	29-30
I-5490	Channel entrance, upper, hinge pin	29-30	I-5713	Channel entrance, upper, 72 character, partition No. 74	29-30
I-5678	Channel entrance, upper, 72 character, partition plate, lower	29-30	I-5714	Channel entrance, upper, 72 character, partition plate, upper	29-30
I-5689	Channel entrance, upper, 72 character, partition Nos. 1, 2, 5, 22, 46 and 47, assembled	29-30	I-5715	Channel entrance, upper, 72 character, partition Nos. 23, 50 and 62, assembled	29-30
I-5690	Channel entrance, upper, 72 character, partition Nos. 3, 6, 8, 10, 12 and 26, assembled	29-30	I-5754	Channel entrance, upper, 72 character, partition No. 65, assembled	29-30
I-5691	Channel entrance, upper, 72 character, partition No. 4, assembled	29-30	I-5755	Channel entrance, upper, 72 character, partition with protecting leaf Nos. 32 and 57, assembled	29-30
I-5692	Channel entrance, upper, 72 character, partition Nos. 7, 13, 66 and 73, assembled	29-30	I-5756	Channel entrance, upper, 72 character, partition Nos. 44 and 60, assembled	29-30
I-5693	Channel entrance, upper, 72 character, partition with protecting leaf Nos. 9 and 45, assembled	29-30	I-5757	Channel entrance, upper, 72 character, partition with protecting leaf No. 64, assembled	29-30
I-5694	Channel entrance, upper, 72 character, partition with protecting leaf Nos. 11 and 17, assembled	29-30	I-5758	Channel entrance, upper, 72 character, partition No. 72, assembled	29-30
I-5695	Channel entrance, upper, 72 character, partition Nos. 14, 25 and 70, assembled	29-30	I-5761	Channel entrance, upper, 72 character, assembled	29-30
I-5696	Channel entrance, upper, 72 character, partition with protecting leaf Nos. 15, 33 to 42, 49 and 60, assembled	29-30	I-6192	Channel entrance matrix guard, upper	29-30
I-5697	Channel entrance, upper, 72 character, partition with protecting leaf No. 18, assembled	29-30	I-6194	Channel entrance, upper, 72 character, matrix guard	29-30
I-5698	Channel entrance, upper, 72 character, partition Nos. 18, 51, 52, 53 and 68, assembled	29-30	I-7137	Channel entrance, upper, partition, fender, Nos. 1 to 14, 16, 18 to 29, 34 to 60, assembled	29-30
I-5699	Channel entrance, upper, 72 character, partition Nos. 19 and 27, assembled	29-30	I-8008	Channel entrance, upper, partition, fender, Nos. 1 to 14, 16, 18 to 29, 34 to 60, assembled	29-30
I-5700	Channel entrance, upper, 72 character, partition Nos. 20, 33 and 58, assembled	29-30	I-8009	Channel entrance, upper, partition lug	29-30
I-5701	Channel entrance, upper, 72 character, partition No. 21, assembled	29-30	I-8010	Channel entrance, upper, partition plate, lower	29-30
I-5702	Channel entrance, upper, 72 character, partition No. 24, assembled	29-30	I-8011	Channel entrance, upper, assembled	29-30
I-5703	Channel entrance, upper, 72 character, partition No. 28, assembled	29-30			
I-5704	Channel entrance, upper, 72 character, partition No. 29, assembled	29-30			

Please Give Model and Serial Number When Ordering



## Distributing Mechanism

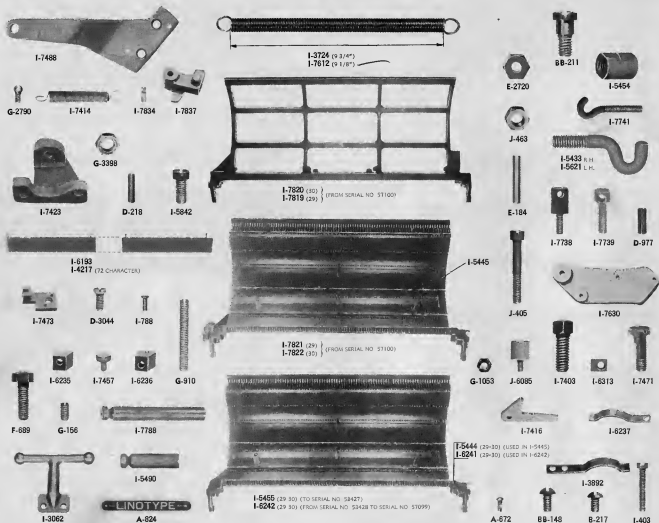
## Models 29-30

## Channel Entrance, Upper 345

B- 236	Channel entrance adjusting screw, r.h. 1/4"-24 x 1 1/4"	29-30	I-6235	Channel entrance, upper, hinge pin adjusting bearing gib, upper, r.h.	29-30
D-3044	Channel entrance frame shoe screw 8-32 x 11/32"	29-30	I-6236	Channel entrance, upper, hinge pin adjusting bearing gib, lower, r.h.	29-30
E-1150	Channel entrance, upper, balance spring	29-30	I-6236	Channel entrance, upper, hinge pin adjusting bearing gib, upper, l.h.	29-30
E-2720	Channel entrance, upper, guide roll screw nut 5/16"-18 x 1/8"	29-30	I-6238	Channel entrance adjusting screw, l.h. 1/4"-24 x 2 1/8"	29-30
F- 65	Channel entrance, upper, guide roll bracket screw 1/4"-24 x .715"	29-30	I-6238	Channel entrance adjusting screw 1/4"-24 x 2 1/8"	29-30
F- 235	Channel entrance spring hook	29-30	I-6243	Channel entrance, upper, frame	29-30
F- 235	Channel entrance, upper, balance spring hook	29-30	I-6244	Channel entrance, upper, assembled (50 character)	29-30
F-1991	Channel entrance frame hinge pin adjusting bearing gib screw 8-32 x 3/4"	29-30	I-6246	Channel entrance, upper, assembled (72 character)	29-30
F-3969	Channel entrance, upper, guide roll bracket adjusting screw 1/4"-24 x 3/4"	29-30	I-7402	Channel entrance, upper, guide roll bracket	29-30
G- 156	Channel entrance hinge pin set screw 8-32 x 5/16"	29-30	I-7473	Channel entrance frame shoe	29-30
G- 910	Channel entrance adjusting screw, l.h. 1/4"-24 x 1 3/4"	29-30	I-7610	Channel entrance, upper, guide roll stud	29-30
G-2929	Channel entrance, upper, guide roll	29-30	I-7786	Channel entrance, upper, hinge pin, r.h.	29-30
H- 177	Channel entrance frame hinge pin set screw 8-32 x 1/4"	29-30	I-7789	Channel entrance, upper, banking screw, r.h., plate	29-30
I- 628	Channel entrance, upper, partition locking rod	29-30	I-7791	Channel entrance, upper, hinge pin, l.h.	29-30
I-3013	Channel entrance frame hinge pin	29-30	I-7823	Channel entrance, upper, banking shoe	29-30
I-5456	Channel entrance, upper, frame	29-30	I-7824	Channel entrance, upper, frame	29-30
I-5461	Channel entrance, upper, frame stop stud	29-30	I-7825	Channel entrance, upper, assembled (72 character)	29-30
I-5490	Channel entrance, upper, hinge pin	29-30	J- 463	Channel entrance, upper, guide roll bracket adjusting screw nut	29-30
I-6234	Channel entrance frame hinge pin adjustable bearing	29-30	J- 463	Channel entrance adjusting screw nut 1/4"-24 x 3/8"	29-30
I-6235	Channel entrance, upper, hinge pin adjusting bearing gib, lower, l.h.	29-30	J-1535	Channel entrance, upper, banking shoe screw 10-32 x 1/2"	29-30

Please Give Model and Serial Number When Ordering





## Distributing Mechanism

## Models 29-30

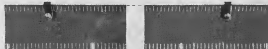
## Channel Entrance, Lower 347

A- 672	Name plate, small, channel entrance rivet	29-30	I-6235	Channel entrance, lower, hinge pin adjusting bearing gib, lower, l.h.	29-30
A- 824	Name plate, small, channel entrance	29-30	I-6236	Channel entrance, lower, hinge pin adjusting bearing gib, lower, r.h.	29-30
B- 217	Channel entrance buffer screw 8-32 x 1/4"	29-30	I-6236	Channel entrance, lower, hinge pin adjusting bearing gib, upper, l.h.	29-30
BB-148	Channel entrance handle screw 8-32 x 5/16"	29-30	I-6237	Channel entrance buffer	29-30
BB-211	Channel entrance, lower, balance spring stud	29-30	I-6241	Channel entrance, lower, frame	29-30
D- 218	Channel entrance, lower, banking shoe stud support bracket dowel	29-30	I-6242	Channel entrance, lower, assembled	29-30
D- 977	Channel entrance, lower, latch bracket dowel	30	I-6313	Channel entrance buffer stop	29-30
D-3044	Channel entrance frame shoe screw	29-30	I-7403	Channel entrance, lower, latch stop stud	29-30
E- 184	Channel entrance, lower, latch operating pin	29-30	I-7414	Channel entrance, lower, banking shoe spring	29-30
E-2720	Channel entrance, lower, balance spring hook cap lock nut	29-30	I-7416	Channel entrance, lower, latch	29-30
F- 689	Channel entrance, lower, hinge pin, r.h., support screw	29-30	I-7423	Channel entrance, lower, hinge pin, r.h., support	29-30
G- 156	Channel entrance hinge pin set screw 8-32 x 5/16"	29-30	I-7457	Channel entrance adjusting screw banking button	29-30
G- 910	Channel entrance adjusting screw 1/4"-24 x 1 3/4"	29-30	I-7471	Channel entrance, lower, latch stud	29-30
G-1053	Channel entrance, lower, latch adjusting screw nut	29-30	I-7473	Channel entrance frame shoe	29-30
G-2790	Channel entrance, lower, banking shoe spring eye	29-30	I-7488	Channel entrance, lower, banking shoe stud support bracket	29-30
G-3398	Channel entrance, lower, banking shoe stud nut	29-30	I-7612	Channel entrance, lower, balance spring	29-30
I- 403	Channel entrance buffer stop screw	29-30	I-7630	Channel entrance, lower, latch bracket	30
I- 788	Channel entrance, lower, plate, upper, center section, hinge rivet	29-30	I-7738	Channel entrance, lower, balance spring hook stud, l.h.	29-30
I-3062	Channel entrance handle	29-30	I-7739	Channel entrance, lower, balance spring hook stud, r.h.	29-30
I-3724	Channel entrance, lower, balance spring	29-30	I-7741	Channel entrance, lower, balance spring adjusting hook	29-30
I-3892	Channel entrance buffer	29-30	I-7788	Channel entrance, lower, hinge pin, r.h.	29-30
I-4217	Channel entrance, lower, 72 character, matrix guard	29-30	I-7819	Channel entrance, lower, frame	29
I-5444	Channel entrance, lower, frame	29-30	I-7820	Channel entrance, lower, frame	30
I-5445	Channel entrance, lower, partition plate, lower	29-30	I-7821	Channel entrance, lower, assembled	29
I-5453	Channel entrance, lower, balance spring hook, r.h.	29-30	I-7822	Channel entrance, lower, assembled	30
I-5454	Channel entrance, lower, balance spring hook cap	29-30	I-7834	Channel entrance banking shoe spring stud	29-30
I-5455	Channel entrance, lower, assembled	29-30	I-7837	Channel entrance, lower, banking shoe	29-30
I-5490	Channel entrance, lower, hinge pin	29-30	J- 405	Channel entrance, lower, latch adjusting screw	29-30
I-5490	Channel entrance, lower, hinge pin, l.h.	29-30	J- 463	Channel entrance, lower, latch stud nut	29-30
I-5621	Channel entrance, lower, balance spring hook, l.h.	29-30	J- 463	Channel entrance, lower, latch stop stud nut	29-30
I-5842	Channel entrance, lower, banking shoe stud support bracket screw	29-30	J- 463	Channel entrance, lower, balance spring adjusting hook nut	29-30
I-6193	Channel entrance matrix guard, lower	29-30	J- 463	Channel entrance adjusting screw nut 1/4"-24 x 3/8"	29-30
I-6235	Channel entrance, lower, hinge pin adjusting bearing gib, upper, r.h.	29-30	J-6085	Channel entrance, lower, latch adjusting screw banking stud	30

Please Give Model and Serial Number When Ordering



I-3131



I-5482



I-7123



I-628



I-7122



D-159



I-2682



I-3133



I-3127



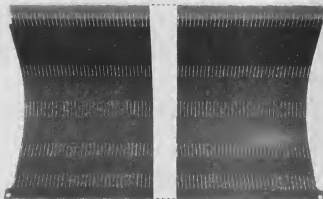
I-681



I-5451



I-3134



I-5445



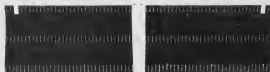
I-3129



I-680



I-7121



I-5449

## Distributing Mechanism

## Models 29-30

## Channel Entrance, Lower 349

D- 159	Channel entrance, lower, partition plate screw 6-32 x 3/16"	29-30	I-3134	Channel entrance, lower, partition plate, upper, center section, locking spring washer	29-30
I- 628	Channel entrance, lower, partition locking rod	29-30	I-5445	Channel entrance, lower, partition plate, lower	29-30
I- 680	Channel entrance, lower, partition locking bar	29-30	I-5449	Channel entrance, lower, partition plate, upper	29-30
I- 681	Channel entrance, lower, partition locking bar screw 6-32 x 11/16"	29-30	I-5451	Channel entrance, lower, partition plate, upper, center section, locking spring	29-30
I-2682	Channel entrance, lower, partition plate, upper, center section, hinge rivet	29-30	I-5452	Channel entrance, lower, partition plate, upper, lower section, assembled	29-30
I-3127	Channel entrance, lower, partition plate, upper, center section, hinge	29-30	I-7121	Channel entrance, lower, partition plate, upper, lower section, assembled	29-30
I-3129	Channel entrance, lower, partition plate, center section, stiffening strip	29-30	I-7122	Channel entrance, lower, partition locking rod strip, upper	29-30
I-3131	Channel entrance, lower, partition plate, upper, center section, assembled	29-30	I-7123	Channel entrance, lower, partition locking rod strip, lower	29-30
I-3133	Channel entrance, lower, partition plate, upper, center section, locking spring stud	29-30			

Please Give Model and Serial Number When Ordering

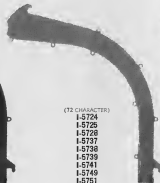
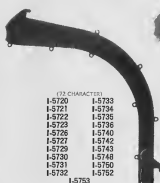


I-5446

I-5447

I-5448

I-5719



I-5744



(72 CHARACTER)  
 I-5720 I-5733  
 I-5721 I-5734  
 I-5722 I-5735  
 I-5723 I-5736  
 I-5726 I-5740  
 I-5727 I-5742  
 I-5729 I-5743  
 I-5730 I-5748  
 I-5731 I-5750  
 I-5732 I-5752

(72 CHARACTER)  
 I-5724  
 I-5725  
 I-5728  
 I-5737  
 I-5738  
 I-5739  
 I-5741  
 I-5749  
 I-5751

## Distributing Mechanism

## Models 29-30

## Channel Entrance, Lower 351

A- 730	Channel entrance bracket dowel 5/16" x 7/8"	29-30	I-5736	Channel entrance, lower, 72 character, partition, No. 30, assembled	29-30
B- 209	Channel entrance, lower, spring lever set screw 1/4"-24 x 5/16"	29-30	I-5737	Channel entrance, lower, 72 character, partition, with protecting leaf, No. 31, assembled	29-30
B- 237	Distributor clutch lever adjusting screw nut 1/4"-24 x 1/2"	29	I-5738	Channel entrance, lower, 72 character, partition, with protecting leaf, Nos. 43 and 48, assembled	29-30
BB-220	Pi chute adjusting screw 10-28 x 7/8"	29	I-5739	Channel entrance, lower, 72 character, partition, with protecting leaf, No. 54, assembled	29-30
BB-221	Pi chute adjusting screw nut 10-28 x 5/16"	29	I-5740	Channel entrance, lower, 72 character, partition, Nos. 55 and 51, assembled	29-30
BB-263	Channel entrance, lower, spring shaft stud dowel 3/16" x 7/8"	30	I-5741	Channel entrance, lower, 72 character, partition, with protecting leaf, Nos. 59 and 63, assembled	29-30
D- 31	Channel entrance bracket, r.h., screw, lower 3/8"-18 x 3/4"	29-30	I-5742	Channel entrance, lower, 72 character, partition, No. 67, assembled	29-30
D- 31	Channel entrance bracket, l.h., screw, lower 3/8"-16 x 3/4"	29-30	I-5743	Channel entrance, lower, 72 character, partition, No. 71, assembled	29-30
D- 164	Distributor clutch lever adjusting screw bracket screw 1/4"-24 x 1/2"	29	I-5744	Channel entrance, lower, 72 character, partition, No. 74	29-30
D- 407	Channel entrance bracket, l.h., screw, upper 3/8"-18 x 3/4"	30	I-5748	Channel entrance, lower, 72 character, partition, Nos. 23, 50 and 52, assembled	29-30
E- 100	Channel entrance bracket, r.h. and l.h., screw, upper 3/8"-16 x 3/4"	29-30	I-5749	Channel entrance, lower, 72 character, partition, with protecting leaf, Nos. 32 and 57, assembled	29-30
G- 910	Distributor clutch lever adjusting screw 1/4"-24 x 1 3/4"	29	I-5750	Channel entrance, lower, 72 character, partition, Nos. 44 and 60, assembled	29-30
G-3448	Distributor clutch lever adjusting screw bracket	29	I-5751	Channel entrance, lower, 72 character, partition, with protecting leaf, No. 84, assembled	29-30
I- 667	Distributor clutch lever adjusting screw bracket	29	I-5752	Channel entrance, lower, 72 character, partition, No. 85, assembled	29-30
I- 5446	Channel entrance, lower, partition lug, crimped, No. 1	29-30	I-5753	Channel entrance, lower, 72 character, partition, No. 72, assembled	29-30
I- 5447	Channel entrance, lower, partition lug	29-30	I-5861	Channel entrance bracket, l.h., screw, upper 3/8" x 18-1 1/8"	29-30
I- 5448	Channel entrance, lower, partition, crimped	29-30	I-5861	Channel entrance bracket, r.h., screw, upper 3/8" x 18-1 1/8"	29-30
I- 5719	Channel entrance, lower, 72 character, partition, No. 1, assembled	29-30	I-7139	Channel entrance, lower, partition (fender) Nos. 2 to 14, 15, 16 to 29, 34 to 80, assembled	29-30
I- 5720	Channel entrance, lower, 72 character, partition, Nos. 2, 5, 22, 46 and 47, assembled	29-30	I-7141	Channel entrance, lower, partition (fender) No. 1, assembled	29-30
I- 5721	Channel entrance, lower, 72 character, partition, Nos. 3, 6, 8, 10, 12 and 26, assembled	29-30	<u>Parts Not Illustrated</u>		
I- 5722	Channel entrance, lower, 72 character, partition, No. 4, assembled	29-30	I-5531	Channel entrance bracket, r.h., to serial No. 53427	29-30
I- 5723	Channel entrance, lower, 72 character, partition, Nos. 7, 13, 66 and 73, assembled	29-30	I-5532	Channel entrance bracket, l.h., to serial No. 53427	29-30
I- 5724	Channel entrance, lower, 72 character, partition, with protecting leaf, Nos. 9 and 45, assembled	29-30	I-6227	Channel entrance bracket, r.h., from serial No. 53428 to serial No. 61941	29-30
I- 5725	Channel entrance, lower, 72 character, partition, with protecting leaf, Nos. 11 and 17, assembled	29-30	I-6240	Channel entrance bracket, r.h., assembled, to serial No. 57099	29-30
I- 5726	Channel entrance, lower, 72 character, partition, Nos. 14, 23 and 70, assembled	29-30	I-6329	Channel entrance bracket, l.h., from serial No. 53428 to serial No. 61941	29-30
I- 5727	Channel entrance, lower, 72 character, partition, with protecting leaf, Nos. 15, 33 to 42, 46 and 60, assembled	29-30	I-6339	Channel entrance bracket, l.h., assembled, to serial No. 57099	29-30
I- 5728	Channel entrance, lower, 72 character, partition, with protecting leaf, No. 18, assembled	29-30	I-7790	Channel entrance bracket, r.h., assembled, from serial No. 57100 to serial No. 61941	29-30
I- 5729	Channel entrance, lower, 72 character, partition, Nos. 18, 51, 52, 58 and 68, assembled	29-30	I-7792	Channel entrance bracket, l.h., assembled, from serial No. 57100 to serial No. 61941	29-30
I- 5730	Channel entrance, lower, 72 character, partition, Nos. 19 and 27, assembled	29-30	I-8033	Channel entrance bracket, r.h., from serial No. 61942	29-30
I- 5731	Channel entrance, lower, 72 character, partition, Nos. 20, 53 and 58, assembled	29-30	I-8034	Channel entrance bracket, l.h., from serial No. 61942	29-30
I- 5732	Channel entrance, lower, 72 character, partition, No. 21, assembled	29-30	I-8055	Channel entrance bracket, l.h., assembled, from serial No. 61942	29-30
I- 5733	Channel entrance, lower, 72 character, partition, No. 23, assembled	29-30	I-8056	Channel entrance bracket, r.h., assembled, from serial No. 61942	29-30
I- 5734	Channel entrance, lower, 72 character, partition, No. 28, assembled	29-30			
I- 5735	Channel entrance, lower, 72 character, partition, No. 29, assembled	29-30			

Please Give Model and Serial Number When Ordering



I-6252



I-2931



I-3424



I-3873



E-3655



I-3422



I-5486



I-6408



I-3763



I-3423



I-3874



J-463



I-5467 I-5477  
I-5468 I-5478  
I-5469 I-5479  
I-5470 I-5480  
I-5471 I-5481  
I-5474 I-5482  
I-5475 I-5483  
I-5476 I-5484



I-5485



I-5473



I-6311



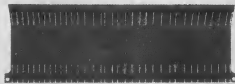
I-3875



I-5490



I-681



I-5464



G-2318



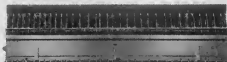
H-177



H-144



I-788



I-6253 (FROM SERIAL NO. 53428  
TO SERIAL NO. 57099)



I-3876

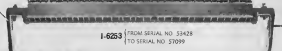


D-159



F-235

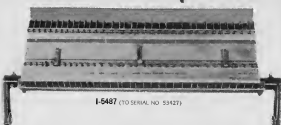
I-6251



B-236



I-3761



I-5487 (TO SERIAL NO. 53427)

I-7644

I-5463



I-7831 (FROM SERIAL NO. 57100)

## Distributing Mechanism

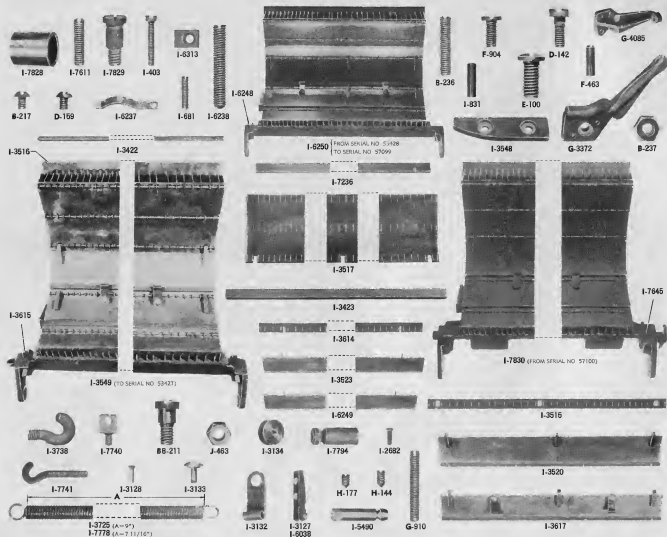
## Model 30

## Channel Entrance, Auxiliary, Upper 353

B- 236	Channel entrance, auxiliary, adjusting screw 1/4"-24 x 1 1/4"	30	I-5468	Channel entrance, auxiliary, upper, partition, No. 12, assembled	30
D- 159	Channel entrance partition plate screw 8-32 x 3/16"	30	I-5469	Channel entrance, auxiliary, upper, partition, Nos. 13, 20, 28-30, assembled	30
F-3655	Channel entrance, auxiliary, upper, spring	30	I-5470	Channel entrance, auxiliary, upper, partition, No. 14, assembled	30
F- 235	Channel entrance, auxiliary, upper, spring hook	30	I-5471	Channel entrance, auxiliary, upper, partition, Nos. 15, 19, 32, assembled	30
G-2318	Channel entrance, auxiliary, frame throwout lever screw 1/4"-24 x 1/2"	30	I-5473	Channel entrance, auxiliary, upper, partition, Nos. 18, 34, assembled	30
H- 144	Channel entrance, auxiliary, hinge pin set screw 8-32 x 5/16"	30	I-5474	Channel entrance, auxiliary, upper, partition, No. 17, assembled	30
H- 177	Channel entrance, auxiliary, hinge pin set screw 8-32 x 1/4"	30	I-5475	Channel entrance, auxiliary, upper, partition, No. 18, assembled	30
I- 681	Channel entrance, auxiliary, partition locking bar screw 8-32 x 11/16"	30	I-5476	Channel entrance, auxiliary, upper, partition, No. 21, assembled	30
I- 788	Channel entrance, auxiliary, upper, partition plate, center section, hinge rivet	30	I-5477	Channel entrance, auxiliary, upper, partition, No. 23, assembled	30
I-2931	Channel entrance, auxiliary, upper, spring	30	I-5478	Channel entrance, auxiliary, upper, partition, No. 23, assembled	30
I-3422	Channel entrance, auxiliary, upper, partition locking rod	30	I-5479	Channel entrance, auxiliary, upper, partition, Nos. 24, 25, assembled	30
I-3423	Channel entrance, auxiliary, upper, partition locking bar	30	I-5480	Channel entrance, auxiliary, upper, partition, No. 28, assembled	30
I-3424	Matrix guard, auxiliary	30	I-5481	Channel entrance, auxiliary, upper, partition, No. 27, assembled	30
I-3761	Channel entrance, auxiliary, upper, partition plate, center section, hinge	30	I-5482	Channel entrance, auxiliary, upper, partition, No. 26, assembled	30
I-3763	Channel entrance, auxiliary, upper, partition plate, center section, assembled	30	I-5483	Channel entrance, auxiliary, upper, partition, No. 31, assembled	30
I-3873	Channel entrance, auxiliary, upper, partition locking strip, lower, assembled	30	I-5484	Channel entrance, auxiliary, upper, partition, No. 33, assembled	30
I-3874	Channel entrance, auxiliary, upper, partition locking strip, lower, latch washer	30	I-5485	Channel entrance, auxiliary, upper, partition, No. 35	30
I-3875	Channel entrance, auxiliary, upper, partition locking strip, lower, latch	30	I-5486	Channel entrance, auxiliary, upper, partition locking strip, upper	30
I-3876	Channel entrance, auxiliary, upper, partition locking strip, lower, latch stud	30	I-5487	Channel entrance, auxiliary, upper, assembled	30
I-5463	Channel entrance, auxiliary, upper, frame	30	I-5490	Channel entrance, auxiliary, upper, hinge pin	30
I-5464	Channel entrance, auxiliary, upper, partition plate, lower	30	I-6251	Channel entrance, auxiliary, upper, frame	30
I-5467	Channel entrance, auxiliary, upper, partition, Nos. 1 to 11, assembled	30	I-6252	Matrix guard, auxiliary	30
			I-6253	Channel entrance, auxiliary, upper, assembled	30
			I-6311	Channel entrance, auxiliary, upper, balance spring stud	30
			I-6408	Channel entrance, auxiliary, upper, spring	30
			I-7644	Channel entrance, auxiliary, upper, frame	30
			I-7831	Channel entrance, auxiliary, upper, assembled	30
			J- 463	Channel entrance, auxiliary, adjusting screw nut 1/4"-24 x 3/8"	30

Please Give Model and Serial Number When Ordering





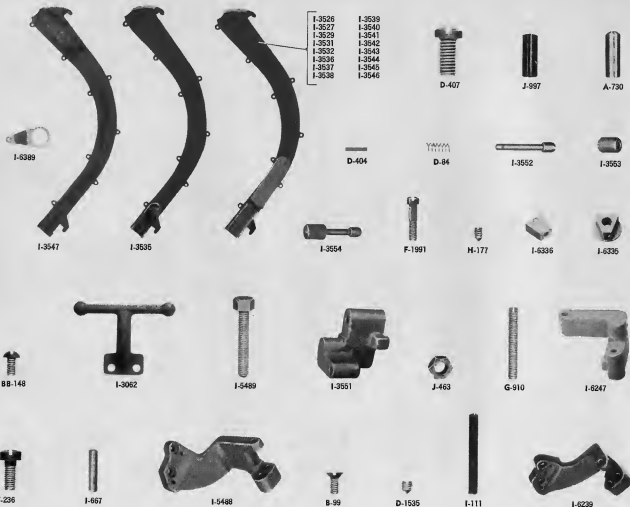
## Distributing Mechanism

## Model 30

## Channel Entrance, Auxiliary, Lower 355

B- 217	Channel entrance, auxiliary, buffer screw 8-32 x 1/4"	30	I-3515	Channel entrance, auxiliary, lower, frame	30
B- 236	Distributor clutch lever adjusting screw 1/4"-24 x 1 1/4"	30	I-3516	Channel entrance, auxiliary, lower, partition plate, lower	30
B- 237	Distributor clutch lever adjusting screw nut 1/4"-24 x 1/8"	30	I-3517	Channel entrance, auxiliary, lower, partition plate, upper, upper section	30
BB-211	Channel entrance, auxiliary, lower, balance spring stud	30	I-3520	Channel entrance, auxiliary, lower, partition plate, upper, center section, assembled	30
D- 142	Distributor clutch lever adjusting screw bracket screw 1/4"-24 x 5/8"	30	I-3523	Channel entrance, auxiliary, lower, matrix guard	30
D- 159	Channel entrance, auxiliary, lower, partition locking, lower, screw 8-32 x 3/16"	30	I-3548	Channel entrance, auxiliary, lower, frame supporting arm shoe	30
E- 100	Distributor clutch lever adjusting screw bracket screw 3/8"-16 x 3/4"	30	I-3549	Channel entrance, auxiliary, lower, assembled	30
F- 463	Distributor clutch lever adjusting screw bracket dowel 3/16" x 5/8"	30	I-3614	Channel entrance, auxiliary, lower, partition locking rod strip, lower	30
F- 904	Channel entrance, auxiliary, lower, frame supporting arm shoe screw 1/4"-24 x 9/16"	30	I-3615	Channel entrance, auxiliary, lower, partition locking rod strip, upper	30
G- 910	Channel entrance adjusting screw 1/4"-24 x 1 3/4"	30	I-3617	Channel entrance, auxiliary, lower, partition plate, upper, lower section, assembled	30
G-3372	Distributor clutch lever adjusting screw bracket	30	I-3725	Channel entrance, auxiliary, lower, balance spring	30
G-4085	Distributor clutch lever adjusting screw bracket	30	I-3738	Channel entrance, auxiliary, lower, balance spring hook	30
H- 144	Channel entrance, auxiliary, hinge pin set screw 8-32 x 5/16"	30	I-5490	Channel entrance, auxiliary, hinge pin	30
H- 177	Channel entrance, auxiliary, hinge pin set screw 8-32 x 1/4"	30	I-6038	Channel entrance, auxiliary, lower, partition plate, upper, lower section, hinge	30
I- 403	Channel entrance, auxiliary, buffer stop screw 8-32 x 15/16"	30	I-6237	Channel entrance, auxiliary, buffer	30
I- 681	Channel entrance, auxiliary, lower, partition plate support screw 8-32 x 11/16"	30	I-6238	Channel entrance, auxiliary, adjusting screw 1/4"-24 x 2 1/8"	30
I- 681	Channel entrance, auxiliary, lower, partition locking bar screw 8-32 x 11/16"	30	I-6248	Channel entrance, auxiliary, lower, frame	30
I- 831	Distributor clutch lever adjusting screw bracket dowel 3/16" x 11/18"	30	I-6249	Channel entrance, auxiliary, lower, matrix guard	30
I-2682	Channel entrance, auxiliary, lower, partition plate, upper, lower section, hinge rivet	30	I-6250	Channel entrance, auxiliary, lower, assembled	30
I-2682	Channel entrance, auxiliary, lower, partition plate, upper, center section, hinge rivet	30	I-6313	Channel entrance, auxiliary, buffer stop	30
I-3127	Channel entrance, auxiliary, lower, partition plate, upper, center section, hinge	30	I-7236	Channel entrance, auxiliary, lower, partition plate support	30
I-3128	Channel entrance, auxiliary, lower, partition plate, upper, lower section, stiffening strip rivet	30	I-7611	Channel entrance, auxiliary, adjusting screw 1/4"-24 x 2 3/8"	30
I-3132	Channel entrance, auxiliary, lower, partition plate, upper, lower section, locking spring	30	I-7645	Channel entrance, auxiliary, lower, frame	30
I-3133	Channel entrance, auxiliary, lower, partition plate, upper, lower section, locking spring stud	30	I-7740	Channel entrance, auxiliary, lower, balance spring adjusting hook stud	30
I-3134	Channel entrance, auxiliary, lower, partition plate, upper, lower section, locking spring washer	30	I-7741	Channel entrance, auxiliary, lower, balance spring adjusting hook	30
I-3422	Channel entrance, auxiliary, lower, partition locking rod	30	I-7778	Channel entrance, auxiliary, lower, balance spring	30
I-3423	Channel entrance, auxiliary, lower, partition locking bar	30	I-7794	Channel entrance, auxiliary, hinge pin	30
			I-7828	Channel entrance, auxiliary, lower, guide roll	30
			I-7829	Channel entrance, auxiliary, lower, guide roll stud	30
			I-7830	Channel entrance, auxiliary, lower, assembled	30
			J- 463	Channel entrance, auxiliary, lower, balance spring adjusting hook nut 1/4"-24 x 3/8"	30
			J- 463	Channel entrance, auxiliary, adjusting screw nut 1/4"-24 x 3/8"	30

Please Give Model and Serial Number When Ordering



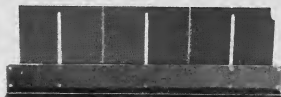
## Distributing Mechanism

## Model 30

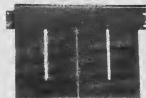
## Channel Entrance, Auxiliary, Lower 357

A- 730	Channel entrance, auxiliary, frame bracket dowel 5/16" x 7/8"	30	I-3542	Channel entrance, auxiliary, lower, partition, No. 26, assembled	30
B- 99	Channel entrance, auxiliary, support screw 8-32 x 3/8"	30	I-3543	Channel entrance, auxiliary, lower, partition, No. 27, assembled	30
BB-148	Channel entrance, auxiliary, handle screw 8-32 x 5/16"	30	I-3544	Channel entrance, auxiliary, lower, partition, No. 28, assembled	30
D- 84	Channel entrance, auxiliary, support detent spring	30	I-3545	Channel entrance, auxiliary, lower, partition, No. 31, assembled	30
D- 404	Channel entrance, auxiliary, support detent knob pin 1/16" x 3/8"	30	I-3546	Channel entrance, auxiliary, lower, partition, No. 33, assembled	30
D- 407	Channel entrance, auxiliary, frame bracket screw 3/8"-16 x 3/4"	30	I-3547	Channel entrance, auxiliary, lower, partition, No. 35	30
D-1535	Channel entrance, auxiliary, support pin set screw 8-32 x 3/16"	30	I-3551	Channel entrance, auxiliary, support	30
F- 236	Channel entrance, auxiliary, support bracket screw 1/4"-24 x 5/8"	30	I-3552	Channel entrance, auxiliary, support detent	30
F-1991	Channel entrance, auxiliary, hinge pin adjusting bearing gib screw 8-32 x 3/4"	30	I-3553	Channel entrance, auxiliary, support detent knob	30
G- 910	Channel entrance, auxiliary, support adjusting screw 1/4"-24 x 1 3/4"	30	I-3554	Channel entrance, auxiliary, support detent, assembled	30
H- 177	Channel entrance, auxiliary, hinge pin set screw 8-32 x 1/4"	30	I-5488	Channel entrance, auxiliary, support bracket	30
I- 111	Channel entrance, auxiliary, support pin 1/4" x 2 1/4"	30	I-5489	Channel entrance, auxiliary, support adjusting screw 1/4"-24 x 1 9/16"	30
I- 667	Channel entrance, auxiliary, support bracket dowel 3/16" x 7/8"	30	I-6239	Channel entrance, auxiliary, support bracket	30
I-3062	Channel entrance, auxiliary, handle	30	I-6247	Channel entrance, auxiliary, support	30
I-3526	Channel entrance, auxiliary, lower, partition, Nos. 1 to 11, assembled	30	I-6335	Channel entrance, auxiliary, hinge pin adjusting bearing	30
I-3527	Channel entrance, auxiliary, lower, partition, No. 12, assembled	30	I-6336	Channel entrance, auxiliary, hinge pin adjusting bearing gib	30
I-3529	Channel entrance, auxiliary, lower, partition, Nos. 13, 20, 28 and 30, assembled	30	I-6389	Channel entrance, auxiliary, upper, spring eye	30
I-3531	Channel entrance, auxiliary, lower, partition, No. 14, assembled	30	J- 463	Channel entrance, auxiliary, support adjusting screw nut 1/4"-24 x 3/8"	30
I-3532	Channel entrance, auxiliary, lower, partition, Nos. 15, 19 and 32, assembled	30	J- 997	Channel entrance, auxiliary, frame bracket dowel 5/16" x 7/8"	30
I-3535	Channel entrance, auxiliary, lower, partition, Nos. 16 and 34, assembled	30	<b>Parts Not Illustrated</b>		
I-3536	Channel entrance, auxiliary, lower, partition, No. 17, assembled	30	I-5492	Channel entrance, auxiliary, frame bracket, r.h.	30
I-3537	Channel entrance, auxiliary, lower, partition, No. 18, assembled	30	I-5493	Channel entrance, auxiliary, frame bracket, l.h.	30
I-3538	Channel entrance, auxiliary, lower, partition, No. 21, assembled	30	I-6331	Channel entrance, auxiliary, frame bracket, r.h., (from serial No. 53428)	30
I-3539	Channel entrance, auxiliary, lower, partition, No. 22, assembled	30	I-6337	Channel entrance, auxiliary, frame bracket, l.h., (from serial No. 53428)	30
I-3540	Channel entrance, auxiliary, lower, partition, No. 23, assembled	30	I-6340	Channel entrance, auxiliary, bracket, r.h., assembled	30
I-3541	Channel entrance, auxiliary, lower, partition, Nos. 24 and 25, assembled	30	I-6341	Channel entrance, auxiliary, bracket, l.h., assembled	30

Please Give Model and Serial Number When Ordering



I-2840 (30)  
I-5431 (31-32)  
I-5818 (29)



I-5578



I-6413



I-2674



I-5816



I-5427



I-2573 (CENTER)  
I-3879 (L.H.)  
I-5428 (CENTER)  
I-5429 (R.H.)

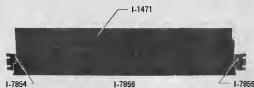


I-2839 (L.H.)  
I-5430 (R.H.)



I-5817 (L.H.)  
I-6412 (R.H.)

G-2615  
A-112



I-1471

I-7854

I-7856

I-7855



I-6507



I-6411



I-6506



I-6292



D-142

B-217  
I-2675



I-2675

I-2676  
I-2677



I-2677



I-5425



I-3207



I-5898



I-5410

I-2430  
D-218



D-218



D-331



I-2838



D-601



G-308



I-7818



G-304



G-308



I-2679

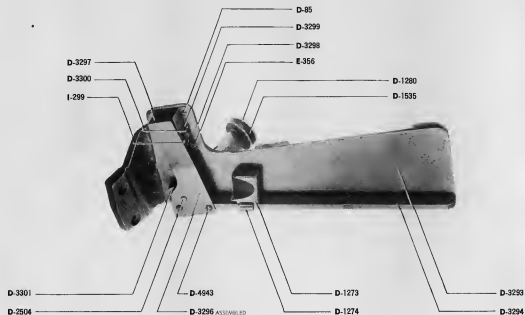
## Distributing Mechanism

## Models 5-29-30-31-32

## Matrix Tray 359

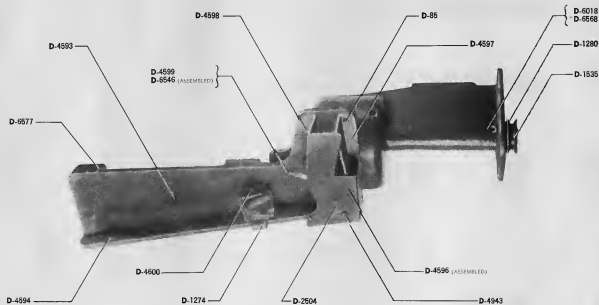
A- 112	Matrix tray screw 8-32 x 3/8"	5	I-2840	Matrix tray, assembled	30
B- 217	Matrix tray, auxiliary, screw 8-32 x 1/4"	30 32	I-3207	Matrix tray bracket, l.h., screw 1/4"-24 x 5/8"	5 31-32
B- 217	Matrix tray screw 8-32 x 1/4"	29 30 31-32	I-3207	Matrix tray bracket, r.h., screw 1/4"-24 x 5/8"	5 31-32
D- 212	Matrix tray, auxiliary, bracket screw 1/4"-24 x 5/8"	32	I-3879	Matrix tray, r.h.	30
D- 218	Matrix tray bracket, r.h. and l.h., dowel 1/8" x 1/2"	31-32	I-5425	Matrix tray bracket, r.h.	31-32
D- 331	Matrix tray bracket, r.h., dowel 1/8" x 1 1/8"	29-30	I-5427	Matrix tray support	31-32
D- 601	Matrix tray bracket, r.h., dowel 1/8" x 13/32"	29-30 31-32	I-5428	Matrix tray, center	31-32
D- 601	Matrix tray bracket, l.h., dowel 1/8" x 13/32"	29-30 31-32	I-5429	Matrix tray, r.h.	31-32
G- 304	Matrix tray bracket, r.h., screw 1/4"-24 x 1/2"	29-30	I-5430	Matrix tray, l.h.	31-32
G- 308	Matrix tray, auxiliary, bracket screw 1/4"-24 x 7/16"	30	I-5431	Matrix tray, assembled	31-32
G- 308	Matrix tray bracket, l.h., screw 1/4"-24 x 7/16"	29-30	I-5816	Matrix tray support	29
G- 308	Matrix tray bracket, r.h., screw 1/4"-24 x 7/16"	29-30	I-5817	Matrix tray, r.h.	29
G-2615	Matrix tray rivet	5	I-5818	Matrix tray, assembled	29
I-1471	Matrix tray	5	I-5898	Matrix tray bracket, l.h.	31-32
I-2430	Matrix tray, auxiliary, bracket dowel 3/16" x 9/16"	32	I-6292	Matrix tray, auxiliary, bracket	30
I-2673	Matrix tray, auxiliary, center and l.h.	29-30	I-6410	Matrix tray bracket, l.h.	29-30
I-2673	Matrix tray, center	29-30	I-6411	Matrix tray, auxiliary, support	30
I-2674	Matrix tray support	30	I-6412	Matrix tray, auxiliary, r.h.	30
I-2675	Matrix tray spring	29-30 31-32	I-6413	Matrix tray, auxiliary, assembled	30
I-2675	Matrix tray, auxiliary, spring	30	I-6506	Matrix tray, auxiliary, bracket, r.h.	32
I-2676	Matrix tray spring rivet	29-30 31-32	I-6507	Matrix tray, auxiliary, bracket	32
I-2676	Matrix tray, auxiliary, spring rivet	30	I-6578	Matrix tray, auxiliary, assembled	32
I-2677	Matrix tray rivet	29-30 31-32	I-7818	Matrix tray bracket, r.h.	29-30
I-2677	Matrix tray, auxiliary, rivet	30	I-7854	Matrix tray supporting plate, l.h.	5
I-2679	Matrix tray bracket, r.h.	29-30	I-7855	Matrix tray supporting plate, r.h.	5
I-2838	Matrix tray bracket, l.h.	29-30	I-7856	Matrix tray, assembled	5
I-2839	Matrix tray, l.h.	29-30			

Please Give Model and Serial Number When Ordering



Assembled  
D-3302 MODELS 5F-29-30-31-32

Check Parts by Referring to Detail Pages.

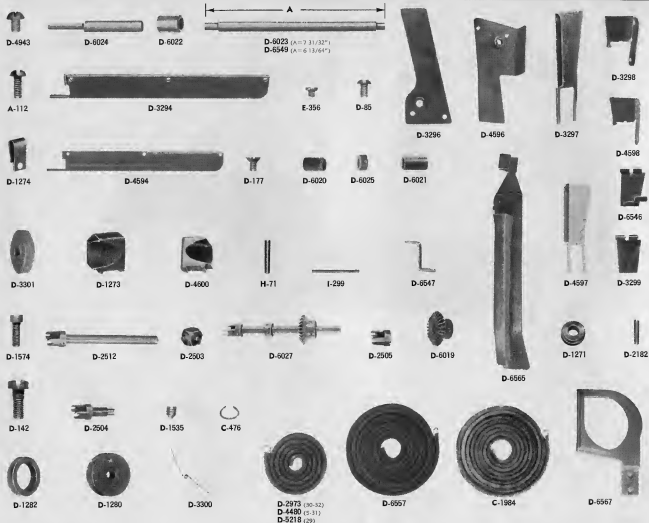


## ASSEMBLED

D-6030 Models 30 and 32 from Serial No. 54066

D-6569 Models 30 and 32 from Serial No. 61470





## Distributing Mechanism

## Models 5-29-30-31-32

## Pi Stacker and Tube 363

A- 112 Pi stacker rail screw 8-32 x 3/8"	5-29-30-31-32	D-4597 Pi stacker chute plate, long	30 32
C- 476 Pi stacker driving belt hook	5-29-30-31-32	D-4598 Pi stacker chute plate, short	30 32
C-1984 Keyboard, auxiliary, driving belt, assembled	30 32	D-4600 Pi stacker friction block	30 32
D- 85 Pi stacker chute plate screw, long 4-48 x 3/16"	5-29-30-31-32	D-4943 Pi stacker chute cover screw 6-48 x 3/16"	5-29-30-31-32
D- 142 Pi stacker screw 1/4"-24 x 5/8"	5-29-30-31-32	D-5218 Pi stacker driving belt, assembled	29
D- 177 Pi stacker friction block spring screw 4-48 x 3/16"	5-29-30-31-32	D-6019 Pi stacker driving shaft gear	30 32
D-1271 Pi stacker star shaft bushing	5-29-30-31-32	D-6020 Pi stacker driving shaft bearing, l.h.	30 32
D-1273 Pi stacker friction block	5-29-30-31-32	D-6021 Pi stacker driving shaft bearing, r.h.	30 32
D-1274 Pi stacker friction block spring	5-29-30-31-32	D-6022 Pi stacker star driving shaft bushing	30 32
D-1280 Pi stacker star pulley	5-29-30-31-32	D-6023 Pi stacker driving shaft	30 32
D-1282 Pi stacker driving pulley	5-29-30-31-32	D-6024 Pi stacker star driving shaft	30 32
D-1535 Pi stacker star pulley screw 8-32 x 3/16"	5-29-30-31-32	D-6025 Pi stacker star driving shaft collar	30 32
D-1535 Pi stacker driving pulley screw 8-32 x 3/16"	5-29-30-31-32	D-6027 Pi stacker star driving shaft, assembled	30 32
D-1574 Pi stacker belt guide screw 10-32 x 1/2"	30 32	D-6546 Pi stacker chute matrix guide, assembled	30 32
D-2182 Pi stacker star driving shaft head pin 3/32" x 15/32"	5-29-30-31-32	D-6547 Pi stacker chute matrix guide stop	30 32
D-2503 Pi stacker universal joint	5-29-30-31-32	D-6549 Pi stacker driving shaft	30 32
D-2504 Pi stacker star shaft	5-29-30-31-32	D-6557 Pi stacker driving belt, assembled	30 32
D-2505 Pi stacker star driving shaft head	5-29-30-31-32	D-6565 Pi stacker chute and support, assembled	30 32
D-2512 Pi stacker star driving shaft, assembled	5-29-30-31-32	D-6567 Pi stacker belt guide	30 32
D-2973 Pi stacker driving belt, assembled	30 32	E- 356 Pi stacker chute plate screw, short 4-48 x 3/32"	5-29-30-31-32
D-3294 Pi stacker rail	5-29-30-31-32	H- 71 Pi stacker driving shaft gear pin	30 32
D-3296 Pi stacker chute cover, assembled	5-29-30-31-32	I- 299 Pi stacker chute matrix guide pin 1/16" x 1"	5-29-30-31-32
D-3297 Pi stacker chute plate, long	5-29-30-31-32		
D-3298 Pi stacker chute plate, short	5-29-30-31-32		
D-3299 Pi stacker chute matrix guide	5-29-30-31-32		
D-3300 Pi stacker chute matrix guide spring	5-29-30-31-32		
D-3301 Pi stacker star	5-29-30-31-32		
D-4480 Pi stacker driving belt, assembled	31		
D-4594 Pi stacker rail	30 32		
D-4596 Pi stacker chute cover, assembled	30 32		

## Parts Not Illustrated

D-3293 Pi stacker bracket to serial No. 57099 on Model 30, to serial No. 57222 on Model 32	5-29-30-31-32
D-3302 Pi stacker, assembled	5-29-30-31-32
D-4593 Pi stacker bracket from serial No. 57100 on Model 30, from serial No. 57223 on Model 32	30 32

Please Give Model and Serial Number When Ordering



A-731



F-4797



D-236



B-99



G-152



D-6428



D-5219

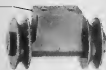


D-6542



G-33

D-6540



D-6543



D-6545



D-6048



D-4942



F-97



BB-148



B-584



F-357



D-6548

D-6541



D-6578



D-6558



C-147



D-6577



I-4821



D-401



A-115



G-240



D-6429



D-6427



D-6430



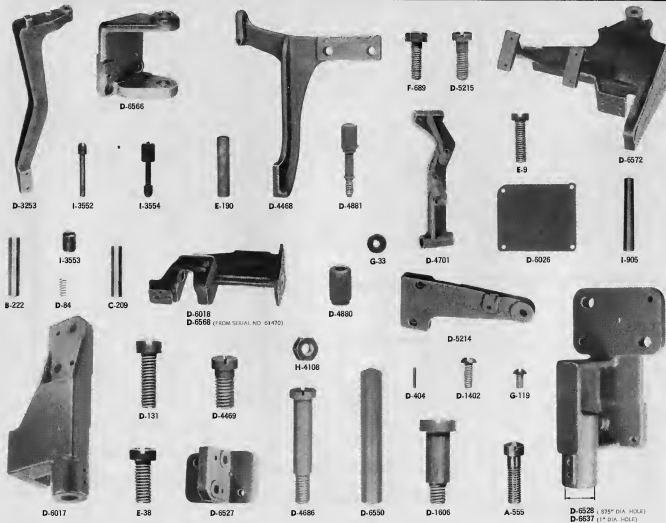
F-3115



D-4886

A- 115	Pi stacker and assembler entrance, upper, finger shift bracket support dowel 3/8" x 7/8"	29	D-6540	Pi stacker idle pulley support	30-32
A- 731	Pi stacker detent pin 5/16" x 1 1/4"	30-32	D-6541	Pi stacker detent support	30-32
B- 99	Pi stacker idle pulley retaining washer screw 8-32 x 3/8"	30-32	D-6542	Pi stacker idle pulley stud	30-32
B- 584	Pi stacker detent cotter pin	30	D-6543	Pi stacker idle pulley support, assembled	30-32
88-148	Pi stacker detent support screw, l.h. 8-32 x 5/16"	30-32	D-6545	Pi stacker idle pulley, assembled	30-32
C- 147	Pi stacker detent pin dowel 3/32" x 11/16"	30-32	D-6548	Pi stacker detent	30-32
D- 235	Pi stacker detent pin bracket screw 3/8"-16 x 5/8"	30-32	D-6558	Pi stacker detent pin bracket	30-32
D- 401	Pi stacker detent pin bracket dowel 1/8" x 7/16"	30-32	D-6577	Pi stacker detent pin bracket, assembled	30-32
D-4886	Pi stacker and assembler entrance, upper, finger key shift bracket support	29	D-6578	Pi stacker detent, assembled	30-32
D-4942	Pi stacker and assembler entrance, upper, finger shift bracket support screw 1/2"-12 x 7/8"	29	F- 97	Pi stacker detent support screw, r.h. 8-32 x 5/8"	30-32
D-5219	Pi stacker bracket extension	30	F- 357	Pi stacker detent spring	30-32
D-6048	Pi stacker and auxiliary keyboard driving belt	30-32	F-3115	Pi stacker detent support screw, r.h. 8-32 x 1 1/8"	30-32
D-6427	Pi stacker and assembler entrance, upper, shift bracket screw, upper, front	29	F-4797	Pi stacker idle pulley stud pin 1/8" x 3/4"	30-32
D-6428	Pi stacker and assembler entrance, upper, shift bracket screw, lower	29	G- 33	Pi stacker idle pulley retaining washer	30-32
D-6429	Pi stacker and assembler entrance, upper, shift bracket	29	G- 152	Pi stacker bracket screw 3/8"-16 x 1"	30-32
D-6430	Pi stacker and assembler entrance, upper, shift bracket, assembled	29	G- 240	Pi stacker bracket dowel 3/16" x 3/4"	30-32
			I-4821	Pi stacker idle pulley support screw 10-32 x 5/8"	30-32
				<u>Parts Not Illustrated</u>	
			D-6579	Pi stacker and support arm, assembled	30-32

Please Give Model and Serial Number When Ordering

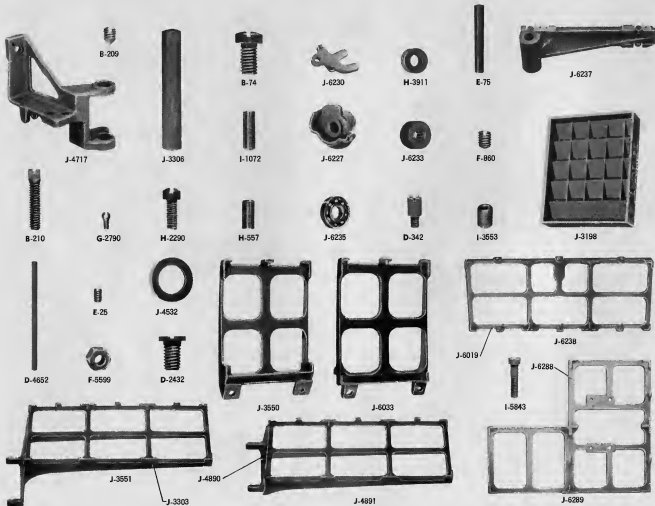


A- 555	Pi stacker support and drive bracket screw 3/8"-16 x 1 3/8"	30	32	D-6528	Pi stacker and keyboard, auxiliary, supporting bracket, r.h.	30	
B- 222	Pi stacker support and drive bracket dowel 1/4" x 1 3/16"	30		D-6550	Pi stacker support arm shaft	30	32
C- 209	Pi stacker support arm bracket dowel 1/4" x 1 1/16"	30	32	D-6566	Pi stacker support arm bracket	30	32
D- 84	Pi stacker support detent spring	30	32	D-6568	Pi stacker support and drive bracket	30	32
D- 131	Pi stacker support and driving bracket screw 3/8"-10 x 1 1/8"	30	32	D-6572	Pi stacker support arm	30	32
D- 404	Pi stacker support detent knob pin 1/16" x 3/8"	30	32	D-6637	Pi stacker and keyboard, auxiliary, supporting bracket, r.h.	30	32
D-1402	Pi stacker chute support screw 8-32 x 7/16"	30	32	E- 9	Pi stacker support pivoting bracket screw 1/4"-42 x 7/8"	30	32
D-1606	Pi stacker support screw	30	32	E- 38	Pi stacker support arm bracket screw 3/8"-16 x 7/8"	30	32
D-3253	Pi stacker support	30	32	E- 190	Pi stacker support and driving bracket dowel 1/4" x 1 1/2"	30	32
D-4468	Pi stacker support and control lever rod			F- 689	Pi stacker support arm adjusting screw 1/4"-24 x 3/4"	30	32
	guide bracket (72-90)	31		G- 33	Pi stacker idle pulley retaining washer	30	32
D-4469	Pi stacker support and control lever rod guide bracket			G- 119	Pi stacker support and drive bracket cover		
	screw 1/2"-12 x 1" (72-90)	31			screw 6-46 x 1/4"	30	32
D-4686	Pi stacker support screw	30		H-4108	Pi stacker support arm adjusting screw nut 1/4"-24 x 3/16"	30	32
D-4701	Pi stacker support	30		I- 905	Pi stacker support arm shaft pin	30	32
D-4880	Pi stacker support lock screw knob	30		I-3552	Pi stacker support detent	30	32
D-4881	Pi stacker support lock screw, assembled	30		I-3553	Pi stacker support detent knob	30	32
D-5214	Pi stacker support pivoting bracket	30	32	I-3554	Pi stacker support detent, assembled	30	32
D-5215	Pi stacker support pivoting bracket screw 1/4"-24 x 3/4"	30	32				
D-6017	Pi stacker and keyboard, auxiliary, supporting bracket, r.h.	30	32				
D-6018	Pi stacker support and drive bracket	30	32				
D-6026	Pi stacker support and drive bracket cover	30	32				
D-6527	Pi stacker and keyboard, auxiliary, supporting						
	bracket, r.h., adjustable plate	30	32				

## Parts Not Illustrated

D-4916	Pi stacker support, assembled	30	
D-5614	Pi stacker support, assembled		32

Please Give Model and Serial Number When Ordering



## Distributing Mechanism

## Models 5-29-30-31-32

## Pi Stacker and Tube 369

8- 74	Sorts box supporting frame hinge bracket screw, upper 3/8"-18 x 5/8"	30	32	I-3553	Sorts box detent knob	30	32
B- 209	Sorts box supporting frame hinge pin set screw 1/4"-24 x 5/16"	30	32	I-5843	Sorts box supporting frame screw	30	32
B- 210	Assembler entrance, upper, finger key lever stop screw 1/4"-20 x 1"	30	32	J-3198	Sorts box	5-29-30-31-32	
D- 342	Sorts box supporting frame slide stop screw	30	32	J-3303	Sorts box supporting frame	30	32
D-2432	Sorts box bracket screw 3/8"-16 x 19/32"	5-29-30-31-32		J-3306	Sorts box supporting frame hinge pin	30	32
D-4652	Assembler entrance, upper, finger key lever fulcrum pin	30	32	J-3550	Sorts box bracket, assembled	5-29-30-31-32	
E- 25	Assembler entrance, upper, finger key lever fulcrum pin set screw 8-32 x 1/4"	30	32	J-3551	Sorts box supporting frame, assembled	30	32
E- 75	Sorts box supporting frame slide bracket collar pin	30	32	J-4532	Sorts box supporting frame spring washer	30	32
E- 75	Sorts box supporting frame slide bracket stop collar pin	30	32	J-4717	Sorts box supporting frame hinge bracket	30	32
F- 860	Sorts box supporting frame slide bracket stop collar set screw 1/4"-24 x 5/16"	30	32	J-4890	Sorts box supporting frame	30	32
F-5599	Assembler entrance, upper, finger key lever stop screw lock nut 1/4"-20 x 3/8"	30	32	J-4891	Sorts box supporting frame, assembled	30	32
G-2790	Assembler entrance, upper, finger key lever spring eye	30	32	J-6019	Sorts box supporting frame	30	32
H- 557	Sorts box retaining pin 7/32" x 1/2"	5-29-30-31-32		J-6033	Sorts box bracket, assembled	30	32
H-2290	Sorts box supporting frame hinge bracket screw, lower 1/4"-24 x 5/8"	30	32	J-6227	Sorts box supporting slide bracket stop collar	30	32
H-3911	Sorts box supporting frame slide bracket collar	30	32	J-6230	Sorts box supporting frame slide bracket detent latch, assembled	30	32
I-1072	Sorts box supporting frame hinge bracket dowel 1/4" x 3/4"	30	32	J-6233	Sorts box supporting slide needle bearing	30	32
				J-6235	Sorts box supporting slide ball bearing	30	32
				J-6237	Sorts box supporting frame slide, assembled	30	32
				J-6238	Sorts box supporting frame, assembled	30	32
				J-6288	Sorts box supporting frame	30	32
				J-6289	Sorts box supporting frame, assembled	30	32
					<u>Parts Not Illustrated</u>		
				J-6231	Sorts box supporting slide bracket, assembled	30	32

Please Give Model and Serial Number When Ordering





J-6169



F-233



D-779



BB-148



J-3371



J-983



D-3169



J-6085



B-217



J-3367



J-3372

J-5725 (30)  
J-6251 (29)

G-956



G-4071



BB-221



I-204



J-4834 (32)



J-1868 (S 21 32)



J-6106

J-5729 (30) (FROM SERIAL NO. 53428 TO NO. 56999)  
J-6172 (30) (FROM SERIAL NO. 57100)

J-6252 (29)



J-5488 (29)



J-3375 (30)

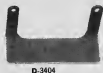
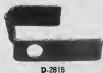
## Distributing Mechanism

## Models 5-29-30-31-32

## Pi Stacker and Tube 371

B- 217	Pi chute screw 8-32 x 1/4"	5-29-30-31-32	J-3367	Pi chute lower stiffening piece	30
B- 217	Pi chute lower stiffening piece screw 8-32 x 1/4"	30	J-3371	Pi chute intermediate plate, long	29-30
BB-148	Pi chute supporting bracket screw 8-32 x 5/16"	30	J-3372	Pi chute intermediate plate, short	29-30
BB-220	Pi chute adjusting screw 10-28 x 7/8"	29	J-3375	Pi chute, assembled	30
BB-221	Pi chute adjusting screw nut 10-28 x 5/16"	29	J-4834	Pi chute, assembled	32
D- 779	Pi chute supporting bracket screw washer	30	J-5488	Pi chute, assembled	29
D-3169	Pi chute support	32	J-5725	Pi chute supporting bracket	30
F- 233	Pi chute locating pin 1/8" x 11/64"	29-30	J-5729	Pi chute, assembled	30
G- 956	Pi stacker tube fulcrum screw nut 5-40 x 1/4"	29-30 32	J-6085	Pi chute screw, lower	29-30
G-4071	Distributor clutch lever adjusting screw bracket and pi chute support	32	J-6106	Pi chute back plate	29-30
I- 204	Pi stacker tube fulcrum screw 5-40 x 1/84"	29-30 32	J-6169	Pi chute front plate, assembled	29-30
J- 983	Distributor clutch lever adjusting screw bracket and pi chute support screw 5-40 x 7/8"	32	J-6172	Pi chute, assembled	30
J-1869	Pi chute, assembled	5 31-32	J-6251	Pi chute supporting bracket	29
			J-6252	Pi chute, assembled	29

Please Give Model and Serial Number When Ordering



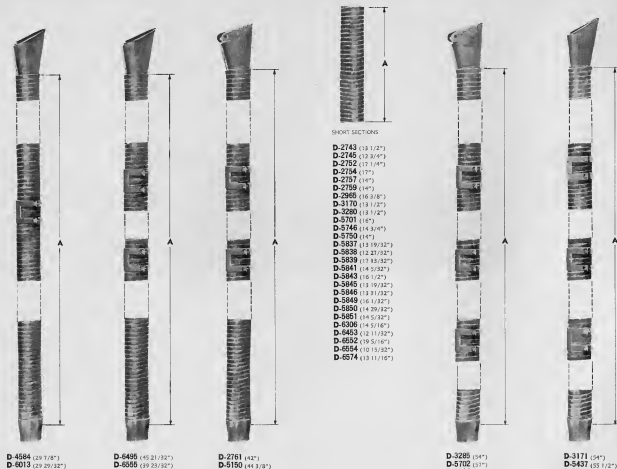
## Distributing Mechanism

## Models 5-29-30-31-32

## Pi Stacker and Tube 373

A- 112	Pi stacker tube bracket screw 8-32 x 3/8"	29-30	D-3281	Pi stacker tube section clamp	5-29-30-31-32
A- 112	Pi stacker tube clip, center, bracket screw 8-32 x 3/8"	29	D-3283	Pi stacker tube clip, lower	30
A- 112	Pi stacker tube clip, intermediate, screw 8-32 x 3/8"	32	D-3404	Pi stacker tube clip, intermediate	30
B- 217	Pi stacker tube clip, upper, screw 8-32 x 1/4"	5 31-32	D-4376	Pi stacker tube clip, lower	32
B- 217	Pi stacker tube clip, intermediate, screw 8-32 x 1/4"	5 32	D-4575	Pi stacker tube clip, intermediate	5 31
B- 217	Pi stacker tube clip, lower, screw 8-32 x 1/4"	5-29-30-31-32	D-5175	Pi stacker tube clip, upper	5 31-32
B- 217	Pi stacker tube clip, center, screw 8-32 x 1/4"	29	D-5179	Pi stacker tube clip, upper clamp	5 31-32
B- 217	Pi stacker tube section, upper, screw 8-32 x 1/4"	31	D-5179	Pi stacker tube support clip clamp (72-90) (72)	29
D- 159	Pi stacker tube clip screw 8-32 x 3/16"	30 32	D-5213	Pi stacker tube clip, intermediate	32
D- 534	Pi stacker tube clip, intermediate, screw 10-32 x 7/16"	30	D-5508	Pi stacker tube section clamp screw nut 5-40 x 1/16"	5-29-30-31-32
D-1289	Pi stacker tube clip, center	29	D-5585	Pi stacker tube clip	30
D-1699	Pi stacker tube clip, center, bracket	29	D-5585	Pi stacker tube clip, intermediate	30
D-2227	Pi stacker tube entrance	5 31	D-5586	Pi stacker tube clip	30 32
D-2228	Pi stacker tube extension	5-29 31	D-5592	Pi stacker tube support (72-90) (72)	29
D-2228	Pi stacker tube extension (72-90)	32	D-5700	Pi stacker tube clip, upper	32
D-2230	Pi stacker tube clip, intermediate and upper	32	D-6218	Pi stacker tube support stud	29-30
D-2714	Pi stacker tube entrance (72-90)	31	D-6426	Pi stacker tube entrance	29-30
D-2714	Pi stacker tube entrance	29-30	D-6551	Pi stacker tube bracket	30 32
D-2748	Pi stacker tube section clamp screw 5-40 x 3/8"	5-29-30-31-32	F- 267	Pi stacker tube clip, intermediate, screw 6-48 x 3/16"	30
D-2749	Pi stacker tube section clamp screw nut 5-40 x 7/32"	5-29-30-31-32	G- 118	Pi stacker tube clip, upper, clamp screw 6-48 x 5/8"	5 31-32
D-2767	Pi stacker tube clip, lower	5-29 31	G- 118	Pi stacker tube support clip clamp	
D-2815	Pi stacker tube support	29		screw (72-90) (72) 6-48 x 5/8"	29
D-2816	Pi stacker tube support screw 1/2"-12 x 3/8"	29	J- 223	Pi tube bracket screw 10-32 x 5/16"	30 32
D-3279	Pi stacker tube extension	30 32	J- 327	Pi stacker tube support screw (72-90) (72)	29

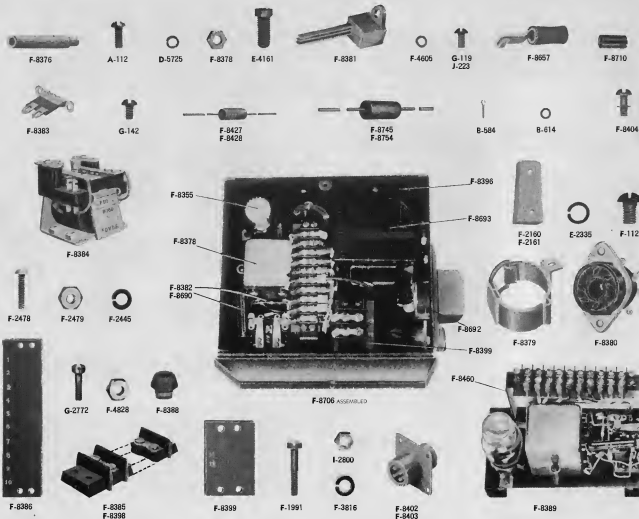
Please Give Model and Serial Number When Ordering



\* Used from Serial No. 57100

D-2743	Pi stacker tube section, lower	31	D-5837	Pi stacker tube section, lower	5	31
D-2745	Pi stacker tube section, upper	32	D-5838	Pi stacker tube section, upper		30
D-2752	Pi stacker tube section, lower	32	D-5839	Pi stacker tube section, lower, upper section		30
D-2752	Pi stacker tube section, lower, upper, center	30	D-5839	Pi stacker tube section, lower section		30
D-2754	Pi stacker tube section, upper	31	D-5841	Pi stacker tube section, lower	29	
D-2757	Pi stacker tube section, lower	29	D-5841	Pi stacker tube section, center	29	
D-2757	Pi stacker tube section, center	29	D-5843	Pi stacker tube section, upper	5-29	31
D-2757	Pi stacker tube section, upper center, lower center, and lower	32	D-5845	Pi stacker tube section, lower		32
D-2759	Pi stacker tube section, upper	29	D-5846	Pi stacker tube section, upper		32
D-2761	Pi stacker tube, assembled	29	D-5849	Pi stacker tube section, center		32
D-2965	Pi stacker tube section, upper	29	D-5850	Pi stacker tube section, lower section	30	
D-3170	Pi stacker tube section, lower	30	D-5851	Pi stacker tube section, lower section		32
D-3170	Pi stacker tube section, upper, center	30	D-6011	Pi stacker tube, assembled	29	
D-3170	Pi stacker tube section, lower, center	30	D-6012	Pi stacker tube, assembled		30
D-3171	Pi stacker tube, assembled	32	D-6013	Pi stacker tube, assembled	5	31
D-3280	Pi stacker tube section, upper	30	D-6014	Pi stacker tube, assembled		32
D-3285	Pi stacker tube, assembled	30	D-6305	Pi stacker tube, assembled		30
D-4584	Pi stacker tube, assembled	31	D-6306	Pi tube section, upper		30
D-5150	Pi stacker tube, assembled	29	D-6453	Pi stacker tube section, upper	29	
D-5437	Pi stacker tube, assembled	32	D-6454	Pi stacker tube, assembled	29	
D-5587	Pi stacker tube, assembled	30	D-6495	Pi stacker tube, assembled		32
D-5701	Pi stacker tube section, upper center	32	D-6552	Pi stacker tube section, lower	30	
D-5702	Pi stacker tube, assembled	32	D-6553	Pi stacker tube, assembled	30	
D-5746	Pi stacker tube section, lower center	30	D-6554	Pi stacker tube section, upper		32
D-5750	Pi stacker tube section, lower center	32	D-6555	Pi stacker tube, assembled		32
			D-6574	Pi stacker tube section, upper and center	30	

Please Give Model and Serial Number When Ordering



A- 112	Control unit capacitor screw 8-32 x 3/8"	29-30	F-8399	Control unit terminal strip marker, short	29-30
8- 584	Control unit box cover screw cotter pin	29-30	F-8402	Control unit receptacle, female (4), small	29-30
8- 614	Control unit box cover screw washer .196" x 5/16" x 1/16"	29-30	F-8403	Control unit receptacle, female (10), large	29-30
D-5725	Control unit capacitor lock washer	29-30	F-8404	Control unit box cover screw 10-32 x 7/16"	29-30
E-2335	Control unit support bracket screw washer 1/4" x 1/16" x 1/32"	29-30	F-8427	Control unit resistor (1 megohm) (1/2 watt)	29-30
E-4161	Control unit selenium rectifier screw	29-30	F-8428	Control unit resistor (270,000 ohms) (1/2 watt)	29-30
E-4605	Control unit fuse holder support lock washer 6 x .065" x .044"	29-30	F-8460	Control unit chassis and bracket	29-30
E-4605	Control unit selenium rectifier screw	29-30	F-8657	Control unit harness and transformer knife disconnect	29-30
	lock washer 6 x .065" x .044"	29-30	F-8690	Resistor (1000 ohms) (10 watts)	29-30
E-4605	Control unit resistor terminal strip screw	29-30	F-8692	Control unit fuse receptacle and cover, assembled	29-30
	lock washer 6 x .065" x .044"	29-30	F-8693	Control unit transformer, assembled	29-30
E-4605	Control unit terminal strip screw lock washer 6 x .065" x .044"	29-30	F-8706	Control unit, assembled	29-30
E-4605	Control unit tube, thyatron, socket screw	29-30	F-8710	Wiring harness knife disconnect tubular insulator	29-30
	lock washer 6 x .065" x .044"	29-30	F-8745	Control unit selenium rectifier	29-30
F- 112	Control unit support bracket screw 14-24 x 3/8"	29-30	F-8754	Control unit selenium rectifier, assembled	29-30
F-1991	Control unit short terminal strip support screw 8-32 x 3/4"	29-30	G- 119	Control unit tube, thyatron, socket screw 6-48 x 1/4"	29-30
F-2160	Control unit support bracket, r.h.	29-30	G- 142	Control unit resistor terminal strip screw 6-48 x 5/32"	29-30
F-2161	Control unit support bracket, l.h.	29-30	G-2772	Control unit terminal strip support screw 6-48 x 1/2"	29-30
F-2445	Control unit transformer washer 10 x 5/64" x 3/64"	29-30	I-2800	Control unit tube, thyatron, socket screw	29-30
F-2478	Control unit fuse holder support screw 6-32 x 1/2"	29-30		nut 6-48 x 5/64" x 1/4"	29-30
F-2478	Control unit relay screw 6-32 x 1/2"	29-30	I-2800	Control unit terminal strip support screw	29-30
F-2479	Control unit fuse holder support nut 6-32 x 3/16" x 3/32"	29-30		nut 6-48 x 5/64" x 1/4"	29-30
F-4828	Control unit transformer nut 10-32 x 1/8" x 3/8"	29-30	J- 223	Control unit transformer screw 10-32 x 5/16"	29-30
F-8325	Control unit tube, thyatron	29-30			
F-8376	Control unit capacitor stud	29-30			
F-8378	Control unit capacitor	29-30			
F-8379	Control unit tube, thyatron, fastener	29-30			
F-8380	Control unit tube, thyatron, socket	29-30			
F-8381	Control unit selenium rectifier	29-30			
F-8382	Control unit resistor (150 ohms) (5 watt)	29-30			
F-8383	Control unit resistor terminal strip	29-30			
F-8384	Control unit relay	29-30			
F-8385	Control unit terminal strip, long	29-30			
F-8386	Control unit terminal marker strip, long	29-30			
F-8388	Control unit chassis clinch nut	29-30			
F-8389	Control unit chassis, assembled	29-30			
F-8396	Control unit box	29-30			
F-8398	Control unit terminal strip, short	29-30			

## Parts Not Illustrated

A- 998	Wire marker	29-30
C-2078	Control unit main power supply cable, assembled	29-30
F-8696	Control unit chassis jumper wire, assembled (506)	29-30
F-8698	Control unit chassis jumper wire, assembled (512)	29-30
F-8699	Control unit chassis jumper wire, assembled (513)	29-30
F-8700	Control unit chassis jumper wire, assembled (516)	29-30
F-8701	Control unit chassis jumper wire, assembled (514)	29-30
F-8702	Control unit chassis jumper wire, assembled (518)	29-30
F-8703	Control unit chassis jumper wire, assembled (519)	29-30
F-8704	Control unit chassis jumper wire, assembled (520)	29-30
F-8705	Control unit chassis jumper wire, assembled (517)	29-30
F-8733	Control unit chassis jumper wire, assembled (511)	29-30
F-8734	Control unit chassis jumper wire, assembled (515)	29-30

Please Give Model and Serial Number When Ordering





A- 112 Matrix safety solenoid fastening screw 8-32 x 3/8"	29-30	F-8631 Control unit fuse, 2 amp	29-30
A- 885 Distributor matrix safety pilot light pad cover	29-30	F-8657 Wiring harness knife disconnect	29-30
D- 534 Amplifier chassis screw 10-32 x 7/16"	29-30	F-8659 Matrix safety solenoid cover screw 8-32 x 3/8"	29-30
D-5640 Distributor matrix safety pilot light box receptacle screw 8-48 x 5/32"	29-30	F-8711 Distributor matrix safety pilot light	29-30
D-6908 Pi stacker bracket extension, assembled	29-30	G-1053 Wiring harness receptacle nut 4-48 x 3/16"	29-30
E- 219 Auxiliary, matrix safety, stop disk set screw 10-32 x 9/32"	30	G-2790 Spaceband lever keyrod spring eye	29-30
E- 219 Matrix safety, stop disk set screw 10-32 x 9/32"	30	H- 742 Matrix safety solenoid extension adjustment nut	29-30
E-1200 Auxiliary, matrix safety solenoid extension screw	30	I-4813 Matrix safety bracket screw 5/16"-18 x 1/2"	30
E-1200 Matrix safety solenoid extension screw 10-32 x 3/16" x .4475"	29-30	I-5623 Matrix safety disk pawl fulcrum screw	29-30
E-1991 Wiring harness, fuse, terminal strip support screw 8-32 x 3/4"	29-30	I-5627 Auxiliary, matrix safety stop disk pawl spring stud	30
E-3816 Wiring harness, fuse, terminal strip washer	29-30	I-8259 Distributor matrix safety pilot light box bracket	30
F-1383 Auxiliary, matrix safety bracket dowel .330" x 1 9/16"	30	I-8261 Distributor matrix safety pilot light box	29-30
F-2343 Distributor matrix safety pilot light box bracket screw 10-32 x 1/2"	29	I-8263 Distributor matrix safety pilot light box receptacle	29-30
F-2445 Amplifier chassis washer	29-30	I-8270 Matrix safety solenoid extension	29-30
F-4586 Matrix safety stop disk pawl spring 9/32" x 31/32"	29-30	I-8271 Matrix safety stop disk pawl	30
F-4586 Auxiliary, matrix safety stop disk pawl spring 9/32" x 31/32"	29-30	I-8272 Matrix safety stop disk	30
F-5545 Distributor matrix safety pilot light box cover	29-30	I-8278 Matrix safety solenoid bracket	29-30
F-8168 Wiring harness fuse wire terminal, blue	29-30	I-8395 Matrix safety bracket	30
F-8192 Distributor matrix safety wiring harness terminal, red	29	I-8563 Distributor matrix safety pilot light box bracket	29
F-8192 Wiring harness, control unit, power section, wire terminal, red	29-30	I-8654 Channel entrance energizing switch cam follower	30
F-8406 Control unit, female, plug, small	29-30	I-8655 Channel entrance energizing switch cam follower screw	30
F-8407 Control unit, female, plug, small, cable clamp	29-30	I-8664 Energizing switch cam	30
F-8408 Control unit, male 10 angle 90°, plug	29-30	J- 794 Wiring harness receptacle screw 4-48 x 3/8"	29-30
F-8409 Control unit, male angle 90°, cable clamp	29-30	J-5498 Wiring harness receptacle screw washer	29-30
F-8412 Control unit, main and auxiliary, energizing switch	30	<u>Parts Not Illustrated</u>	
F-8412 Control unit distributor shifter switch	29-30	A- 998 Wire marker (801-809 incl.) (820-821)	30
F-8429 Matrix safety main elevating shaft switch	29-30	F-8694 Wiring harness, control unit, power section, assembled	29-30
F-8430 Matrix safety main latch solenoid	29-30	F-8695 Wiring harness, control unit, amplifier, assembled	29-30
F-8430 Matrix safety, auxiliary, latch solenoid	30	F-8707 Distributor matrix safety wiring harness, assembled	29
F-8601 Distributor matrix safety pilot light socket	29-30	F-8730 Control unit harness, assembled	30
F-8619 Matrix safety solenoid cover	29-30	G-4862 Distributor matrix safety cable	29
F-8621 Matrix safety solenoid cover base, assembled	29-30	G-4865 Distributor matrix safety pilot light box, assembled	29-30
		I-8267 Distributor matrix safety pilot light wire, assembled	29-30

Please Give Model and Serial Number When Ordering



J-1228



I-5148



D-6704



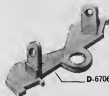
D-6705



H-3241

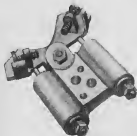


D-6708



D-6706

D-6707 ASSEMBLY



D-6709 ASSEMBLY



D-6703



D-6232



D-6712



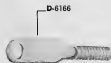
D-6729



D-6233



D-6728



D-6166



I-5631



G-3836



I-5811

D-6727 ASSEMBLY



D-6724

D-6725

D-6726 ASSEMBLY

# Assembling Mechanism

## Model 29

## Assembler Entrance, Upper, Hand Shift 381

D-6166 Assembler entrance, upper, shift connecting link	29	D-6727 Assembler entrance, upper, shift connecting link, upper, assembly (72-90)	29
D-6232 Assembler entrance, upper, connecting lever stop screw	29	D-6728 Assembler entrance, upper, lever stud	29
D-6233 Assembler entrance, upper, connecting lever link pawl stud	29	D-6729 Assembler entrance, upper, lever link	29
D-6703 Assembler entrance, upper, connecting lever latch block	29	G-3836 Assembler entrance, upper, shift connecting link turnbuckle	29
D-6704 Assembler entrance, upper, connecting lever latch spring plunger	29	H-3241 Assembler entrance, upper, connecting lever latch washer	29
D-6705 Assembler entrance, upper, connecting lever latch spring	29	I-5148 Assembler entrance, upper, connecting lever latch spring retainer	29
D-6706 Assembler entrance, upper, connecting lever link latch pawl	29	I-5631 Assembler entrance, upper, shift connecting link turnbuckle lock nut 5/16"-24 x 1/2"	29
D-6707 Assembler entrance, upper, connecting lever link latch pawl assembly	29	I-5811 Assembler entrance, upper, shift connecting link turnbuckle lock nut, l.h.t. 5/16"-24 x 1/2"	29
D-6708 Assembler entrance, upper, roll lever locking screw detent	29	J-1228 Assembler entrance, upper, connecting lever latch spring plunger stud lock nut 10-32 x 5/16"	29
D-6709 Assembler entrance, upper, connecting lever latch block, assembly	29	<u>Parts Not Illustrated</u>	
D-6712 Assembler entrance, upper, lever	29	A-1006 Distributor bracket support	29
D-6724 Assembler entrance, upper, shift connecting link, upper (72-90)	29	F-6359 Assembler entrance, upper, shift connecting link rivet	29
D-6725 Assembler entrance, upper, shift connecting link, upper, extension (72-90)	29		
D-6726 Assembler entrance, upper, shift connecting link, upper	29		

Please Give Model and Serial Number When Ordering



D-6717



E-539



G-2891



D-6902



D-6714



D-6713



D-6715



D-6701



D-6901

D-6731



I-5631



G-3836



I-5811



D-6730



D-6733 ASSEMBLED

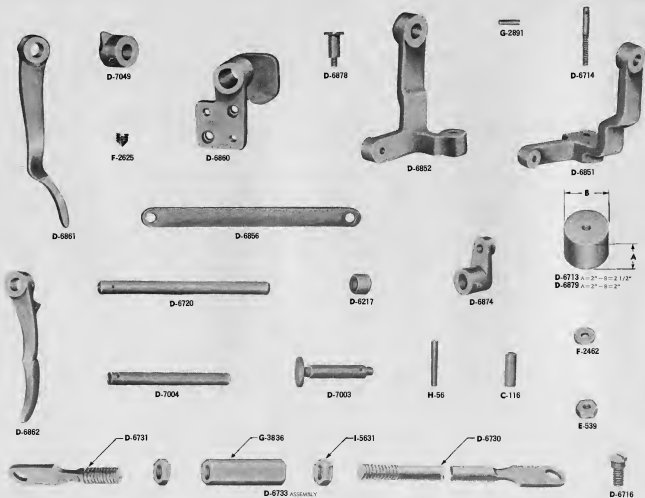
## Assembling Mechanism

## Model 29

## Assembler Entrance, Upper, Hand Shift 383

D-6701 Assembler entrance, upper, shift bracket (72-90)	29	E- 539 Assembler entrance, upper, counterbalance weight rod lock nut 3/8"-32 x 1/8"	29
D-6713 Assembler entrance, upper, counterbalance weight	29	G-2891 Assembler entrance, upper, counterbalance weight lever, rod dowel	29
D-6714 Assembler entrance, upper, counterbalance weight rod	29	G-3836 Assembler entrance, upper, counterbalance weight link turnbuckle	29
D-6715 Assembler entrance, upper, counterbalance weight lever, back (72-90)	29	I-5631 Assembler entrance, upper, counterbalance weight link turnbuckle lock nut	29
D-6717 Assembler entrance, upper, counterbalance weight lever, back, screw	29	I-5811 Assembler entrance, upper, counterbalance weight link turnbuckle lock nut, l.h.	29
D-6730 Assembler entrance, upper, counterbalance weight link, long	29		
D-6731 Assembler entrance, upper, counterbalance weight link, short	29		
D-6733 Assembler entrance, upper, counterbalance weight link, assembly	29		
D-6901 Assembler entrance, upper, shift bracket	29		
D-6902 Assembler entrance, upper, connecting lever stop bracket	29		
		<u>Parts Not Illustrated</u>	
		D-6702 Assembler entrance, upper, shift bracket assembly (72-90)	29

Please Give Model and Serial Number When Ordering



# Assembling Mechanism

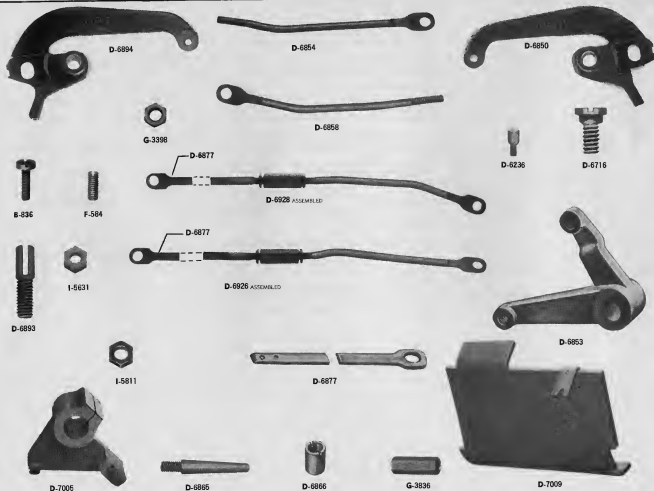
## Model 30

## Assembler Entrance, Upper, Hand Shift 385

C- 116 Assembler entrance, auxiliary, upper, operating handle dowel (D-7021 assembly)	30	D-6878 Assembler entrance, upper, counterbalance weight lever, back, screw	30
D-6217 Assembler entrance, auxiliary, upper, operating handle shaft bearing	30	D-6879 Assembler entrance, auxiliary, upper, counterbalance weight	30
D-6713 Assembler entrance, upper, counterbalance weight	30	D-7003 Assembler entrance, auxiliary, upper, operator lever shaft (90)-(72-90) (D-7021 assembly)	30
D-6714 Assembler entrance, auxiliary, upper, counterbalance rod	30	D-7004 Assembler entrance, main, upper, operator lever shaft	30
D-6716 Assembler entrance, auxiliary, upper, operating lever link screw	30	D-7049 Assembler entrance, main, auxiliary, upper, operator handle pointer	30
D-6716 Assembler entrance, upper, operating lever screw	30	E- 539 Assembler entrance, main, upper, counterbalance weight lever, back, nut	30
D-6716 Assembler entrance, auxiliary, upper, operating lever link screw	30	F-2462 Assembler entrance, upper, counterbalance weight lever, back, screw washer	30
D-6716 Assembler entrance, upper, counterbalance connecting link screw	30	F-2625 Assembler entrance, main, upper, operating handle set screw	30
D-6720 Assembler entrance, upper, operating lever shaft	30	G-2891 Assembler entrance, auxiliary, upper, counterbalance weight rod dowel	30
D-6730 Assembler entrance, upper, counterbalance weight link (long)	30	G-3836 Assembler entrance, upper, counterbalance weight link turnbuckle (D-6733 assembly)	30
D-6731 Assembler entrance, upper, counterbalance weight link (short)	30	H- 56 Assembler entrance, upper, operator lever shaft, main, dowel	30
D-6733 Assembler entrance, upper, counterbalance weight link assembly	30	I-5631 Assembler entrance, upper, counterbalance connecting link turnbuckle, lower, lock nut	30
D-6851 Assembler entrance, auxiliary, main, upper, counterbalance weight lever (back) (D-7055 assembly)	30	<u>Parts Not Illustrated</u>	
D-6852 Assembler entrance, auxiliary, upper, counterbalance weight lever (back) (D-7056 assembly)	30	D-7021 Assembler entrance, auxiliary, upper, operating handle assembly	30
D-6856 Assembler entrance, auxiliary, upper, operating lever link (length 7.5")	30	D-7022 Assembler entrance, main, upper, operating handle assembly	30
D-6860 Assembler entrance, auxiliary, upper, operating lever shaft bracket (90)-(72-90)	30	D-7055 Assembler entrance, upper, counterbalance weight lever, back, assembled	30
D-6861 Assembler entrance, main, upper, operating handle	30	D-7056 Assembler entrance, auxiliary, upper, counterbalance weight lever, back, assembled	30
D-6862 Assembler entrance, auxiliary, upper, operating handle (90)-(72-90)	30		
D-6874 Assembler entrance, upper, operating lever	30		

Please Give Model and Serial Number When Ordering





# Assembling Mechanism

## Model 30

## Assembler Entrance, Upper, Hand Shift 387

B- 836	Assembler entrance, upper, connecting lever stop bracket screw	30
D-6236	Assembler entrance, auxiliary, upper, connecting lever stop	30
D-6716	Assembler entrance, auxiliary, upper, shift connecting lever screw	30
D-6716	Assembler entrance, main, upper, shift connecting link screw	30
D-6716	Assembler entrance, auxiliary, upper, shift connecting link screw	30
D-6716	Assembler entrance, main, upper, connecting lever screw	30
D-6716	Assembler entrance, upper, shift connecting link, assembly, screw	30
D-6716	Assembler entrance, auxiliary, upper, shift connecting link, assembly, screw	30
D-6850	Assembler entrance, auxiliary, upper, connecting lever (D-7033 assembly)	30
D-6853	Assembler entrance, auxiliary, upper, shift lever	30
D-6854	Assembler entrance, upper, shift connecting link, lower (D-6926 assembly)	30
D-6858	Assembler entrance, auxiliary, upper, shift connecting link, lower (D-6928 assembly)	30
D-6865	Assembler entrance, upper, connecting lever pin	30
D-6866	Assembler entrance, upper, connecting lever screw	30
D-6877	Assembler entrance, upper, shift connecting link (D-6928 assembly)	30
D-6877	Assembler entrance, auxiliary, upper, shift connecting link (D-6928 assembly)	30
D-6893	Assembler entrance, upper, shift connecting link (D-6928 assembly)	30

D-6893	Assembler entrance, auxiliary, upper, shift connecting link (D-6928 assembly)	30
D-6894	Assembler entrance, upper, connecting lever (D-7053 assembly)	30
D-6894	Assembler entrance, auxiliary, upper, connecting lever (D-7053 assembly)	30
D-6926	Assembler entrance, upper, shift connecting link, assembly	30
D-6928	Assembler entrance, auxiliary, upper, shift connecting link, assembly	30
D-7005	Assembler entrance, main, upper, connecting lever stop bracket	30
D-7009	Assembler entrance, upper, connecting lever guard plate	30
F- 584	Assembler entrance, upper, connecting lever adjusting screw (D-7063 assembly)	30
F- 584	Assembler entrance, auxiliary, upper, connecting lever adjusting screw (D-7064 assembly)	30
G-3398	Assembler entrance, upper, connecting lever adjusting screw nut	30
G-3836	Assembler entrance, main, auxiliary, upper, shift connecting link turnbuckle	30
I-5811	Assembler entrance, auxiliary, upper, shift connecting link turnbuckle, upper, lock nut	30
I-5831	Assembler entrance, upper, shift connecting link turnbuckle, lower, lock nut	30

### Parts Not Illustrated

D-2985	Assembler entrance, auxiliary, upper, shift connecting link rivet	30
D-2985	Assembler entrance, upper, shift connecting link rivet	30
D-7053	Assembler entrance, main, upper, connecting lever, assembly	30
D-7054	Assembler entrance, auxiliary, upper, connecting lever, assembly	30

Please Give Model and Serial Number When Ordering



H-3800



D-6897



H-6436



H-6434



H-2847

H-6438  
H-6439

D-802



E-3479



D-5217



G-3085



G-744



D-5874



F-6103



D-145



D-4670



D-154



D-4667



D-4666



D-4669



D-4671



H-8583



I-8580



D-5719



I-8564



I-8579

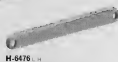
# Assembling Mechanism

## Models 29-30

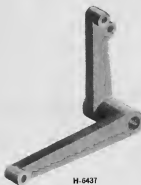
## Assembler Entrance, Upper, Hand Shift 389

D- 145	Keyboard spaceband rod slide lever link dowel	29-30	F-6103	Keyboard spaceband rod slide lever operating lever screw	29
D- 154	Keyboard spaceband rod lever slide link spring	29	G- 744	Keyboard spaceband rod lever slide link, upper, nut	29
D- 802	Keyboard spaceband rod lever slide link nut	29-30	G-3085	Keyboard spaceband rod lever slide link housing bushing set screw	29
D-4666	Keyboard spaceband rod lever slide link housing bushing	29	G-3800	Keyboard spaceband rod slide lever operating lever screw	29-30
D-4667	Keyboard spaceband rod lever slide link spring washer	29	H-2847	Keyboard spaceband rod lever slide link screw	29-30
D-4669	Keyboard spaceband rod lever slide link spring collar	29	H-6434	Keyboard spaceband rod slide lever operating lever	29-30
D-4670	Keyboard spaceband rod lever slide link spring collar pin	29	H-6436	Keyboard spaceband rod slide lever link	29-30
D-4671	Keyboard spaceband rod lever slide link spring housing	29	H-6438	Keyboard spaceband rod lever slide link (front)	29-30
D-6217	Assembler entrance, upper, fulcrum shaft, needle, bearing, r.h.	29	H-6439	Keyboard spaceband rod lever slide link (back)	29-30
D-6719	Assembler entrance, upper, operating handle	29	I-8564	Automatic matrix guard lever, r.h., extension, front	29
D-6874	Assembler entrance, upper, operating lever	30	I-8579	Magazine elevating shaft crank shaft bracket	29
D-6897	Assembler entrance, upper, operating lever shaft	29	I-8580	Magazine elevating shaft worm gear housing tie rod bracket	29
E-3479	Keyboard spaceband rod lever slide link, upper, nut lock washer	29	I-8583	Automatic matrix guard lever, r.h.	29

Please Give Model and Serial Number When Ordering



H-6477 ASSEMBLED (A)  
H-6479 ASSEMBLED (B)



# Assembling Mechanism

## Models 29-30

## Assembler Entrance, Upper, Hand Shift 391

BB-493	Keyboard rod frame lever shaft collar	29-30
D- 802	Keyboard rod frame link lever stud nut	29-30
D- 802	Keyboard rod lever slide link stud nut	29-30
D-1344	Keyboard rod frame operating lever screw	30
D-1344	Keyboard rod, long, frame operating link screw	29-30
D-1344	Keyboard rod frame operating lever, back, screw	29-30
E-3816	Keyboard rod frame link lever stud lock washer	29-30
E-3816	Keyboard rod lever slide link stud lock washer	29-30
F- 689	Keyboard rod, long, frame link lever bracket screw	29-30
F- 689	Keyboard rod, long, frame link lever bracket, l.h., screw	29-30
G- 781	Keyboard rod frame lever shaft screw	29-30
G- 781	Keyboard rod frame lever shaft, assembled, reed rack screw	29-30
H- 71	Keyboard rod frame lever shaft pin 1/8" x 11/16"	29-30
H- 144	Keyboard rod frame lever collar set screw 8-32 x 5/16"	29-30
H-2843	Keyboard rod lever slide link lever (D-6479 assembled only)	29-30
H-2847	Keyboard rod frame link lever stud	29-30
H-2848	Keyboard rod lever slide link stud	29-30
H-4459	Keyboard rod lever slide, r.h., stud	29-30
H-5704	Keyboard rod frame lever shaft connecting bracket (72-90)	29-30

H-5705	Keyboard rod frame lever shaft, short (72-90)	29-30
H-6101	Keyboard rod, long, frame link lever bracket, l.h.	29-30
H-6106	Keyboard rod, long, frame operating link, length 2 7/8"	29-30
H-6186	Keyboard rod frame link lever (D-8477 assembled only)	29-30
H-6432	Keyboard rod, long, frame locking bracket	29-30
H-6433	Keyboard rod frame operating lever, back (90)	29-30
H-6435	Keyboard rod frame operating lever, back, pivot screw	29-30
H-6437	Keyboard rod frame operating lever	29-30
H-6475	Keyboard rod frame link, r.h. (72-90)	29-30
H-6476	Keyboard rod frame link, l.h. (72-90)	29-30
H-6477	Keyboard rod frame lever shaft, assembled (72-90)	29-30
H-6478	Keyboard rod frame lever shaft, length 12 3/8"	29-30
H-6479	Keyboard rod frame lever shaft, assembled (90)	29-30
H-6502	Keyboard rod frame operating lever	30
H-6503	Keyboard rod frame operating lever pivot screw	30
I-4486	Keyboard rod, long, frame, assembled, reed rack screw	29-30

### Parts Not Illustrated

H-6480	Keyboard rod, long, frame, assembled (90)	29-30
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Please Give Model and Serial Number When Ordering



D-4666



G-3085



D-4667



D-4671



D-154



D-4669



D-4670



E-3479



G-744



H-6438



H-6440



H-6439



D-6217



I-5661



I-5660



E-539



I-8693



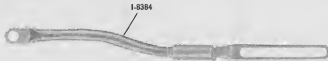
H-602



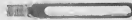
I-7589



I-8721



I-8394



I-7590

I-8709 ASSEMBLED

# Assembling Mechanism

## Models 29-30 Assembler Entrance, Upper, Hand Shift 393

D- 154 Keyboard spaceband rod lever slide link spring	29	I-5660 Magazine elevating crank drive shaft clutch shift lever link (lower section)	30
D-4666 Keyboard spaceband rod lever slide link housing bushing	29	I-5660 Magazine elevating crank drive shaft clutch shifting lever link (intermediate section)	30
D-4669 Keyboard spaceband rod lever slide link spring collar	29	I-5661 Magazine elevating crank drive shaft clutch shifting lever link (intermediate section) pin	30
D-4670 Keyboard spaceband rod lever slide link spring collar pin	29	I-5661 Magazine elevating crank drive shaft clutch shift lever link (lower section) pin	30
D-4671 Keyboard spaceband rod lever slide link spring housing	29	I-7589 Magazine elevating crank drive shaft clutch shifting lever link (lower section)	30
D-6217 Magazine, auxiliary, elevating shaft crankshaft bracket, needle bearing	30	I-7590 Magazine elevating crank drive shaft clutch shift lever link (upper section)	30
E- 539 Magazine, elevating crank drive shaft clutch shifting lever link (intermediate section) lock nut	30	I-8384 Magazine elevating crank drive shaft clutch shift lever link (lower section)	30
E- 539 Magazine elevating crank drive shaft clutch shift lever link (lower section) lock nut	30	I-8693 Pivoting, front, guide holder balance spring lever fulcrum nut	30
E-3479 Keyboard spaceband rod lever slide link (upper) nut lock washer	29	I-8709 Magazine elevating crank drive shaft clutch shifting lever link, assembled	30
G- 744 Keyboard spaceband rod lever slide link (upper) nut	29	I-8721 Magazine elevating crank drive shaft clutch shifting lever link (upper section)	30
G-3085 Keyboard spaceband rod lever slide link housing bushing set screw 4-48 x 5/32"	29		
H- 602 Pivoting front guide holder balance spring lever fulcrum screw 3/8"-16 x 2 1/4" x 3/4"	30		
H-6438 Keyboard spaceband rod lever slide link (front)	29		
H-6439 Keyboard spaceband rod lever slide link (back)	29		
H-6440 Keyboard spaceband rod lever slide link, assembled (00)	29		

Parts Not Illustrated

Please Give Model and Serial Number When Ordering





I-6388



D-979



I-5121



I-5119



I-5120

F-5436 A = 5906  
I-5116 A = 730

C-39



I-8268



I-5118



C-535



E-738



I-5117



I-5061



I-5098



E-69



I-5099



I-4924



I-7600

# Assembling Mechanism

## Model 30

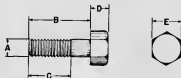
## Assembler Entrance, Upper, Hand Shift 395

C- 39	Magazine, auxiliary, elevating drive shaft, vertical, washer nut	30	I-5116	Magazine, auxiliary, elevating drive shaft, horizontal, ball bearing	30
C- 535	Magazine, auxiliary, elevating drive shaft, gear housing cover screw	30	I-5117	Magazine, auxiliary, elevating drive shaft, vertical	30
D- 979	Magazine, auxiliary, elevating drive shaft, vertical, ball bearing cap screw	30	I-5118	Magazine, auxiliary, elevating drive shaft, vertical, gear key	30
D- 979	Magazine, auxiliary, elevating drive shaft, horizontal, gear ball bearing cap, front, screw	30	I-5119	Magazine, auxiliary, elevating drive shaft, horizontal, gear ball bearing, cap, front	30
D- 979	Magazine, auxiliary, elevating drive shaft, horizontal, gear ball bearing cap, rear, screw	30	I-5120	Magazine, auxiliary, elevating drive shaft, horizontal, gear ball bearing, cap, rear	30
E- 69	Magazine, auxiliary, elevating drive shaft, vertical, universal joint pin	30	I-5121	Magazine, auxiliary, elevating drive shaft, vertical, ball bearing, cap	30
E- 738	Magazine, auxiliary, elevating drive shaft, gear housing screw	30	I-6388	Magazine, auxiliary, elevating drive shaft, vertical, washer	30
F-5436	Magazine, auxiliary, elevating drive shaft, vertical ball bearing	30	I-7600	Magazine, auxiliary, elevating drive shaft, horizontal, coupling, rear	30
I-4924	Magazine, auxiliary, elevating drive shaft, horizontal, coupling, rear, pin	30	I-8268	Magazine, auxiliary, elevating drive shaft, gear housing	30
I-5061	Magazine, auxiliary, elevating drive shaft, gear housing cover	30	<u>Parts Not Illustrated</u>		
I-5098	Magazine, auxiliary, elevating drive shaft, vertical, gear	30	I-8694	Magazine, auxiliary, elevating drive shaft, housing, assembled	30
I-5099	Magazine, auxiliary, elevating drive shaft, horizontal, gear	30			

Please Give Model and Serial Number When Ordering

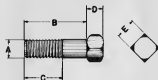


Table 1



Dia. & Thread					Dia. & Thread					Dia. & Thread				
Part No.	A	B	C	D	E	Part No.	A	B	C	D	E	Part No.	A	B
A-6.....	$\frac{1}{8}$ x11	2 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	E-45.....	$\frac{1}{8}$ x12	2 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	I-1807.....	$\frac{1}{8}$ x16	1 $\frac{1}{2}$
A-13.....	$\frac{1}{8}$ x12	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	E-90.....	$\frac{1}{8}$ x16	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	I-2514.....	1x8	3 $\frac{1}{2}$
A-17.....	$\frac{1}{8}$ x11	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	E-738.....	$\frac{1}{8}$ x18	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	I-3088.....	$\frac{1}{8}$ x12	1 $\frac{1}{2}$
A-636.....	$\frac{1}{8}$ x11	2 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	E-1405.....	10x28	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	I-3220.....	$\frac{1}{8}$ x12	1 $\frac{1}{2}$
A-659.....	$\frac{1}{8}$ x12	1 $\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{3}{8}$	E-2592.....	10x32	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	I-6036.....	$\frac{1}{8}$ x24	1
A-700.....	$\frac{1}{8}$ x12	2 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	E-2616.....	$\frac{1}{8}$ x24	1	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	I-8190.....	$\frac{1}{8}$ x20	1
A-876.....	$\frac{1}{8}$ x12	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	E-2779.....	$\frac{1}{8}$ x16	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	I-5402.....	10x32	$\frac{3}{8}$
B-296.....	$\frac{1}{8}$ x12	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	E-2878.....	8x32	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{8}$	$\frac{3}{8}$	I-5489.....	$\frac{1}{8}$ x24	1 $\frac{1}{2}$
B-452.....	$\frac{1}{8}$ x12	2	1	$\frac{1}{8}$	$\frac{3}{8}$	E-3959.....	10x32	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{8}$	$\frac{3}{8}$	I-5977.....	$\frac{1}{8}$ x12	$\frac{1}{2}$
B-471.....	8x32	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{8}$	$\frac{3}{8}$	F-48.....	$\frac{1}{8}$ x12	1	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	I-6153.....	$\frac{1}{8}$ x16	1 $\frac{1}{2}$
BB-122.....	$\frac{1}{8}$ x11	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	F-244.....	$\frac{1}{8}$ x16	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	I-6154.....	$\frac{1}{8}$ x16	1 $\frac{1}{2}$
BB-220.....	10x28	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{8}$	$\frac{3}{8}$	F-689.....	$\frac{1}{8}$ x24	$\frac{3}{8}$	1	$\frac{1}{8}$	$\frac{3}{8}$	I-6155.....	$\frac{1}{8}$ x16	1 $\frac{1}{2}$
C-798.....	$\frac{1}{8}$ x11	4 $\frac{1}{2}$	2	$\frac{1}{8}$	$\frac{3}{8}$	F-810.....	$\frac{1}{8}$ x24	1 $\frac{1}{2}$	1	$\frac{1}{8}$	$\frac{3}{8}$	I-6350.....	$\frac{1}{8}$ x16	1 $\frac{1}{2}$
C-799.....	$\frac{1}{8}$ x11	1 $\frac{1}{2}$	1	$\frac{1}{8}$	$\frac{3}{8}$	F-2343.....	10x32	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	I-6366.....	$\frac{1}{8}$ x12	1 $\frac{1}{2}$
C-1046.....	$\frac{1}{8}$ x11	3 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	F-5463.....	$\frac{1}{8}$ x18	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	I-6376.....	$\frac{1}{8}$ x16	$\frac{1}{2}$
D-362.....	$\frac{1}{8}$ x16	2 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	G-12.....	$\frac{1}{8}$ x16	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	I-6433.....	10x32	$\frac{1}{2}$
D-471.....	8x32	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{8}$	$\frac{3}{8}$	G-152.....	$\frac{1}{8}$ x16	1	1	$\frac{1}{8}$	$\frac{3}{8}$	I-6697.....	$\frac{1}{8}$ x16	1
D-1168.....	$\frac{1}{8}$ x24	1	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	G-312.....	$\frac{1}{8}$ x12	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	J-4784.....	$\frac{1}{8}$ x20	$\frac{1}{2}$
D-1805.....	$\frac{1}{8}$ x16	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	G-1584.....	$\frac{1}{8}$ x16	2 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	J-4791.....	$\frac{1}{8}$ x24	$\frac{1}{2}$
D-1806.....	$\frac{1}{8}$ x16	2	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	G-3096.....	$\frac{1}{8}$ x16	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	J-6084.....	$\frac{1}{8}$ x24	$\frac{1}{2}$
D-5507.....	5x40	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	G-3819.....	$\frac{1}{8}$ x11	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$			
D-6433.....	10x32	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	G-3851.....	10x32	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$			
						G-3911.....	$\frac{1}{8}$ x24	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$			

Table 2



Part No.	Dia. & Thread A	B	C	D	E
B-86.....	$\frac{3}{8}$ x16	$\frac{3}{4}$		$\frac{3}{4}$	$\frac{3}{4}$
B-210.....	$\frac{3}{4}$ x20	1	1	$\frac{3}{4}$	$\frac{3}{4}$
BB-175.....	$\frac{3}{8}$ x16	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$
F-31.....	$\frac{1}{4}$ x20	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$
F-370.....	$\frac{3}{8}$ x20	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
I-7403.....	$\frac{1}{4}$ x24	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$

Table 3



Part No.	Dia. & Thread A	B
B-236.....	$\frac{3}{4}$ x24	1 $\frac{1}{4}$
D-99.....	8x32	$\frac{3}{4}$
D-304.....	8x32	1 $\frac{1}{4}$
D-2172.....	8x32	$\frac{1}{2}$
D-2471.....	$\frac{1}{2}$ x18	$\frac{1}{2}$
D-3042.....	10x32	$\frac{1}{2}$
D-4381.....	8x32	$\frac{1}{2}$
D-5641.....	8x32	$\frac{1}{2}$
D-6194.....	6x48	$\frac{3}{4}$
E-25.....	8x32	$\frac{1}{4}$
E-27.....	$\frac{1}{4}$ x24	1
E-194.....	$\frac{3}{8}$ x16	1 $\frac{1}{2}$
E-219.....	10x32	$\frac{3}{4}$
E-424.....	$\frac{1}{4}$ x24	$\frac{1}{2}$
E-503.....	$\frac{1}{2}$ x18	$\frac{1}{2}$
E-3674.....	$\frac{1}{4}$ x24	1 $\frac{1}{2}$
F-14.....	$\frac{3}{8}$ x24	$\frac{1}{2}$
F-584.....	$\frac{1}{4}$ x24	$\frac{1}{2}$
F-860.....	$\frac{1}{4}$ x24	$\frac{1}{2}$
F-3989.....	$\frac{1}{4}$ x24	$\frac{1}{2}$
F-5468.....	10x32	1 $\frac{1}{2}$
G-113.....	$\frac{3}{8}$ x16	$\frac{1}{2}$
G-127.....	$\frac{3}{8}$ x16	$\frac{3}{4}$
G-156.....	8x32	$\frac{1}{2}$
G-415.....	6x48	$\frac{3}{4}$
G-416.....	6x48	.325
G-739.....	8x32	$\frac{1}{2}$
G-910.....	$\frac{1}{4}$ x24	1 $\frac{1}{4}$
G-932.....	8x32	$\frac{1}{4}$
G-1402.....	$\frac{1}{4}$ x24	1
G-1611.....	6x48	$\frac{1}{2}$
G-2023.....	$\frac{3}{8}$ x16	2 $\frac{1}{4}$
G-2877.....	5x40	$\frac{3}{4}$
G-3993.....	10x32	1 $\frac{1}{4}$
H-1124.....	4x48	$\frac{1}{4}$
H-3607.....	10x32	1
I-5.....	$\frac{3}{8}$ x16	1 $\frac{1}{4}$
I-567.....	10x32	$\frac{3}{4}$
I-681.....	8x32	$\frac{1}{2}$
I-1322.....	$\frac{1}{4}$ x24	1 $\frac{1}{4}$
I-1821.....	$\frac{1}{4}$ x24	$\frac{3}{4}$
I-1873.....	$\frac{1}{2}$ x18	1 $\frac{1}{4}$
I-2535.....	$\frac{1}{2}$ x18	1
I-2795.....	$\frac{1}{2}$ x32	1 $\frac{1}{4}$
I-5301.....	$\frac{1}{4}$ x24	$\frac{3}{4}$
I-5336.....	$\frac{1}{2}$ x12	1 $\frac{1}{4}$
I-5581.....	$\frac{1}{2}$ x18	$\frac{1}{2}$
I-5582.....	$\frac{1}{2}$ x18	$\frac{3}{4}$
I-5683.....	$\frac{1}{4}$ x40	$\frac{3}{4}$
I-6238.....	$\frac{1}{4}$ x24	2 $\frac{1}{4}$
J-182.....	4x48	$\frac{1}{2}$
J-6444.....	$\frac{1}{2}$ x18	1 $\frac{1}{4}$
J-6650.....	5x40	$\frac{1}{2}$

Table 4



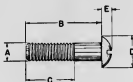
Part No.	Dia. & Thread A	B	C
D-1752.....	4x48	.200	.122
E-527.....	8x32	$\frac{1}{4}$	$\frac{1}{4}$
G-126.....	$\frac{1}{4}$ x24	$\frac{3}{4}$	$\frac{3}{4}$
G-277.....	$\frac{1}{4}$ x24	$\frac{1}{2}$	$\frac{1}{2}$
G-1549.....	10x32	$\frac{1}{2}$	$\frac{1}{2}$
G-2318.....	$\frac{1}{4}$ x24	$\frac{1}{2}$	$\frac{1}{4}$
G-3091.....	8x32	1	$\frac{1}{2}$
I-677.....	$\frac{1}{4}$ x24	$\frac{1}{2}$	$\frac{1}{2}$
I-1028.....	$\frac{1}{4}$ x16	$\frac{1}{2}$	$\frac{1}{2}$
J-804.....	8x32	$\frac{1}{2}$	$\frac{1}{4}$

Table 5



Part No.	Dia. & Thread A	B	C
A-56.....	1/8"x24	3/8"	3/8"
A-132.....	1/4"x24	1/2"	1/2"
B-103.....	3/8"x24	3/8"	3/8"
B-209.....	1/2"x24	1/2"	1/2"
D-30.....	8x32	.333	.333
D-1535.....	8x32	1/8"	1/8"
D-1765.....	10x32	3/4"	3/4"
D-5155.....	8x32	1/8"	1/8"
F-202.....	3/8"x24	3/8"	3/8"
F-2625.....	1/2"x24	1/2"	1/2"
G-111.....	3/8"x16	1/8"	1/8"
G-829.....	4x48	3/8"	3/8"
G-1974.....	1/4"x32	3/8"	3/8"
G-3085.....	4x48	3/8"	3/8"
G-3871.....	10x32	3/8"	3/8"
G-3872.....	5x40	3/8"	3/8"
H-144.....	8x32	1/4"	1/4"
H-177.....	8x32	1/4"	1/4"
I-4405.....	3/8"x24	1 1/4"	1 1/4"
I-5385.....	1/4"x32	1 1/4"	1 1/4"
I-5626.....	3/8"x24	1 1/4"	1 1/4"
I-5533.....	8x32	1 1/4"	1 1/4"
J-1086.....	10x32	1/2"	1/2"
J-1451.....	7/8"x18	1/2"	1/2"

Table 6



Part No.	Dia. & Thread A	B	C	D	E
A-38.....	1/4"x24	3/8"	3/8"	1/8"	3/8"
A-112.....	8x32	3/8"	3/8"	1/8"	3/8"
A-823.....	8x32	3/8"	3/8"	1/8"	3/8"
B-96.....	4x48	3/8"	3/8"	1/8"	3/8"
B-217.....	8x32	3/8"	3/8"	1/8"	3/8"
BB-148.....	8x32	1/8"	1/8"	1/8"	3/8"
D-34.....	8x32	3/8"	3/8"	1/8"	3/8"
D-85.....	4x48	3/8"	3/8"	1/8"	3/8"
D-120.....	4x48	.145	.145	1/8"	3/8"
D-153.....	8x32	3/8"	3/8"	1/8"	3/8"
D-326.....	8x32	3/8"	3/8"	1/8"	3/8"
D-941.....	14x24	3/8"	3/8"	1/8"	3/8"
D-626.....	4x48	3/8"	3/8"	1/8"	3/8"
D-534.....	10x32	3/8"	3/8"	1/8"	3/8"
D-713.....	4x48	3/8"	3/8"	1/8"	3/8"
D-868.....	10x32	3/8"	3/8"	1/8"	3/8"
D-1401.....	8x32	3/8"	3/8"	1/8"	3/8"
D-1402.....	8x32	3/8"	3/8"	1/8"	3/8"
D-4103.....	10x32	3/8"	3/8"	1/8"	3/8"
D-4383.....	8x32	3/8"	3/8"	1/8"	3/8"
D-4411.....	8x32	3/8"	3/8"	1/8"	3/8"
D-4455.....	8x32	3/8"	3/8"	1/8"	3/8"
D-4456.....	4x48	3/8"	3/8"	1/8"	3/8"
D-5588.....	4x48	3/8"	3/8"	1/8"	3/8"
D-5589.....	8x32	3/8"	3/8"	1/8"	3/8"
D-5590.....	8x32	3/8"	3/8"	1/8"	3/8"
D-6063.....	4x48	1/2"	1/2"	1/8"	3/8"
E-192.....	4x48	3/8"	3/8"	1/8"	3/8"
E-2062.....	4x48	1/2"	1/2"	3/8"	3/8"
F-97.....	8x32	3/8"	3/8"	1/8"	3/8"
F-112.....	14x24	3/8"	3/8"	1/8"	3/8"

Part No.	Dia. & Thread A	B	C	D	E
F-267.....	6x48	1 1/8"	1 1/8"	3/8"	3/8"
F-2478.....	6x32	3/8"	3/8"	3/8"	3/8"
F-3115.....	8x32	1 1/4"	1 1/4"	3/8"	3/8"
F-3230.....	10x24	1 1/4"	1 1/4"	3/8"	3/8"
F-3260.....	6x32	1 1/4"	1 1/4"	3/8"	3/8"
F-5847.....	10x32	1 1/4"	1 1/4"	3/8"	3/8"
G-117.....	6x48	3/8"	3/8"	3/8"	3/8"
G-118.....	6x48	3/8"	3/8"	3/8"	3/8"
G-119.....	6x48	3/8"	3/8"	3/8"	3/8"
G-121.....	6x48	3/8"	3/8"	3/8"	3/8"
G-125.....	6x48	3/8"	3/8"	3/8"	3/8"
G-142.....	6x48	3/8"	3/8"	3/8"	3/8"
G-1998.....	6x48	3/8"	3/8"	3/8"	3/8"
H-1138.....	5x40	3/8"	3/8"	3/8"	3/8"
I-109.....	5x40	1 1/8"	1 1/8"	3/8"	3/8"
I-204.....	5x40	1 1/8"	1 1/8"	3/8"	3/8"
I-407.....	10x32	1 1/8"	1 1/8"	3/8"	3/8"
I-705.....	10x32	1 1/8"	1 1/8"	3/8"	3/8"
I-1981.....	6x48	3/8"	3/8"	3/8"	3/8"
I-3699.....	5x40	3/8"	3/8"	3/8"	3/8"
I-4057.....	6x32	3/8"	3/8"	3/8"	3/8"
I-6146.....	10x32	1 1/8"	1 1/8"	3/8"	3/8"
I-6930.....	5x40	1 1/8"	1 1/8"	3/8"	3/8"
J-223.....	10x32	3/8"	3/8"	3/8"	3/8"
J-376.....	8x32	1 1/4"	1 1/4"	3/8"	3/8"
J-453.....	8x32	1 1/4"	1 1/4"	3/8"	3/8"
J-794.....	4x48	3/8"	3/8"	3/8"	3/8"
J-1233.....	10x32	3/8"	3/8"	3/8"	3/8"
J-5148.....	5x40	3/8"	3/8"	3/8"	3/8"
J-5497.....	4x48	3/8"	3/8"	3/8"	3/8"
J-5501.....	10x32	3/8"	3/8"	3/8"	3/8"

Table 7



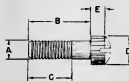
Part No.	Dia. & Thread	B	C	D
A-864.....	1/4x18	3/4	1/2	1 1/2
B-99.....	8x32	3/4	1/2	1 1/2
B-264.....	8x32	3/4	1/2	1 1/2
B-828.....	8x32	3/4	1/2	1 1/2
BB-138.....	8x32	3/4	1/2	1 1/2
C-231.....	8x32	3/4	1/2	1 1/2
D-168.....	4x48	1/2	3/4	1 1/4
D-177.....	4x48	1/2	3/4	1 1/4
D-3007.....	8x32	3/4	1/2	1 1/2
D-3124.....	8x32	3/4	1/2	1 1/2
D-3141.....	8x32	3/4	1/2	1 1/2
D-4373.....	4x48	1/2	3/4	1 1/4
D-4495.....	4x48	1/2	3/4	1 1/4
D-4732.....	4x48	1/2	3/4	1 1/4
D-4742.....	4x48	1/2	3/4	1 1/4
D-4743.....	4x48	1/2	3/4	1 1/4
D-4777.....	3x48	1/2	3/4	1 1/4
D-4816.....	3x48	1/2	3/4	1 1/4
D-4818.....	5x40	1/2	3/4	1 1/4
D-5595.....	4x48	1/2	3/4	1 1/4
E-119.....	6x48	1/2	3/4	1 1/4
E-145.....	14x24	1/2	3/4	1 1/4
F-1266.....	3/4x32	1 1/2	1 1/2	3
F-6952.....	3/4x24	1 1/2	1 1/2	3
G-122.....	6x48	1/2	3/4	1 1/4
G-123.....	6x48	1/2	3/4	1 1/4
G-354.....	6x48	1/2	3/4	1 1/4
G-1635.....	6x48	1/2	3/4	1 1/4
G-2783.....	6x48	1/2	3/4	1 1/4
G-3154.....	6x48	1/2	3/4	1 1/4
G-5197.....	4x48	1/2	3/4	1 1/4

Table continued on next column

Table 7-Continued

Part No.	Dia. & Thread	B	C	D
H-207.....	8x32	3/4	1/2	1 1/2
H-353.....	8x32	3/4	1/2	1 1/2
H-978.....	8x32	3/4	1/2	1 1/2
H-4438.....	8x32	3/4	1/2	1 1/2
I-665.....	8x32	3/4	1/2	1 1/2
I-6014.....	10x32	3/4	1/2	1 1/2
J-1535.....	10x32	1/2	3/4	1 1/4
J-6109.....	3x48	3/4	1 1/2	1 3/4
J-5239.....	3x48	3/4	1 1/2	1 3/4

Table 8



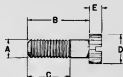
Part No.	Dia. & Thread	B	C	D	E
A-555.....	3/4x16	1 1/4	1	3/4	1 1/4
B-74.....	3/4x16	1/2	1/2	1	1 1/4
C-150.....	1/4x24	3/4	3/4	3/4	3/4
C-535.....	10x32	3/4	3/4	3/4	3/4
C-536.....	8x32	3/4	3/4	3/4	3/4
C-842.....	3/4x16	3/4	3/4	3/4	3/4
D-31.....	3/4x16	3/4	3/4	3/4	3/4
D-101.....	4x48	1 1/2	1 1/2	1 1/2	1 1/2
D-131.....	3/4x16	1 1/2	1 1/2	1 1/2	1 1/2
D-141.....	3/4x24	1	1	1	1
D-142.....	3/4x24	1	1	1	1
D-166.....	8x32	3/4	3/4	3/4	3/4
D-164.....	3/4x24	3/4	3/4	3/4	3/4
D-235.....	3/4x16	3/4	3/4	3/4	3/4
D-407.....	3/4x16	3/4	3/4	3/4	3/4
D-567.....	4x48	1 1/2	1 1/2	1 1/2	1 1/2

Table continued on next column

Table 8-Continued

Part No.	Dia. & Thread	B	C	D	E
D-684.....	3/4x24	3/4	3/4	3/4	3/4
D-717.....	3/4x24	1 1/4	1 1/4	1 1/4	1 1/4
D-1574.....	10x32	3/4	3/4	3/4	3/4
D-1660.....	8x32	1	1	1	1
D-3146.....	3/4x24	3/4	3/4	3/4	3/4
D-3568.....	4x48	1 1/2	1 1/2	1 1/2	1 1/2
D-4469.....	3/4x12	3/4	3/4	3/4	3/4
D-4942.....	3/4x12	3/4	3/4	3/4	3/4
D-5247.....	3/4x24	3/4	3/4	3/4	3/4
D-5591.....	3/4x24	3/4	3/4	3/4	3/4
E-38.....	3/4x16	3/4	3/4	3/4	3/4
E-98.....	3/4x24	3/4	3/4	3/4	3/4
E-100.....	3/4x16	3/4	3/4	3/4	3/4
E-224.....	3/4x18	3/4	3/4	3/4	3/4
E-370.....	3/4x16	3/4	3/4	3/4	3/4
E-371.....	3/4x16	3/4	3/4	3/4	3/4
E-3238.....	3/4x16	1	1	1	1
F-64.....	3/4x24	3/4	3/4	3/4	3/4
F-234.....	3/4x24	3/4	3/4	3/4	3/4
F-1991.....	8x32	3/4	3/4	3/4	3/4
G-131.....	3/4x24	3/4	3/4	3/4	3/4
G-282.....	10x28	3/4	3/4	3/4	3/4
G-2772.....	6x48	1 1/2	1 1/2	1 1/2	1 1/2
G-2795.....	10x32	1 1/2	1 1/2	1 1/2	1 1/2
H-602.....	3/4x16	2 1/4	3/4	3/4	3/4
H-1585.....	8x32	1	3/4	3/4	3/4
H-2290.....	3/4x24	1 1/4	3/4	3/4	3/4
H-3800.....	8x32	1 1/4	3/4	3/4	3/4
I-568.....	10x32	1	3/4	3/4	3/4
I-1276.....	10x32	1	3/4	3/4	3/4
I-4783.....	3/4x24	3/4	3/4	3/4	3/4
I-4821.....	10x32	3/4	3/4	3/4	3/4
I-4953.....	3/4x32	3/4	3/4	3/4	3/4
I-5166.....	8x32	3/4	3/4	3/4	3/4
I-5221.....	3/4x16	3/4	3/4	3/4	3/4
I-5656.....	3/4x16	1 1/4	1	1	1
I-6256.....	3/4x18	1	3/4	3/4	3/4
I-6407.....	10x32	3/4	3/4	3/4	3/4
I-7674.....	3/4x18	2	3/4	3/4	3/4
J-2477.....	10x32	3/4	3/4	3/4	3/4
J-3809.....	4x48	1 1/2	1 1/2	1 1/2	1 1/2
J-4716.....	3/4x24	3/4	3/4	3/4	3/4
J-5518.....	3/4x24	3/4	3/4	3/4	3/4
J-5563.....	5x40	3/4	3/4	3/4	3/4
J-6223.....	8x32	1 1/2	3/4	3/4	3/4

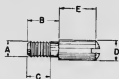
Table 9



Part No.      Dia. & Thread A					Part No.      Dia. & Thread A					Part No.      Dia. & Thread A				
B	C	D	E		B	C	D	E		B	C	D	E	
B-615.....10x32	1 1/2	1 1/2	1 1/2	150	E-2800.....8x32	1 1/2	1 1/2	1 1/2	120	I-3218....1/4x24	1 1/2	1 1/2	1 1/2	125
B-799.....4x48	1 1/2	1 1/2	1 1/2		E-3819....1/4x24	1 1/2	1 1/2	1 1/2	120	I-4033....1/4x24	1 1/2	1 1/2	1 1/2	
B-836.....10x32	1 1/2	1 1/2	1 1/2							I-4400....10x32	1 1/2	1 1/2	1 1/2	
C-42.....3/8x16	1/2	1/2	1/2		F-65.....1/4x24	1 1/2	1 1/2	1 1/2	120	I-4482....10x32	1 1/2	1 1/2	1 1/2	
C-142.....3/8x16	1/2	1/2	1/2		F-496.....1/4x24	1 1/2	1 1/2	1 1/2	120	I-4784....1/4x18	1 1/2	1 1/2	1 1/2	
D-86.....8x32	1/2	1/2	1/2		F-904.....1/4x24	1 1/2	1 1/2	1 1/2	120	I-4813....1/4x18	1 1/2	1 1/2	1 1/2	
D-846.....6x48	1/2	1/2	1/2		F-1806....5x40	1 1/2	1 1/2	1 1/2	120	I-6208....1/4x24	1 1/2	1 1/2	1 1/2	406
D-971.....8x32	1/2	1/2	1/2		F-2771....1/4x24	1 1/2	1 1/2	1 1/2	120	I-6497....1/4x32	1 1/2	1 1/2	1 1/2	406
D-978.....10x32	1/2	1/2	1/2		F-2791....1/4x24	1 1/2	1 1/2	1 1/2	120	I-6498....1/4x32	1 1/2	1 1/2	1 1/2	
D-978.....10x32	1/2	1/2	1/2		F-6705....1/4x24	1 1/2	1 1/2	1 1/2	120	I-6521....1/4x24	1 1/2	1 1/2	1 1/2	
D-1231....10x32	1/2	1/2	1/2		F-6155....4x48	1 1/2	1 1/2	1 1/2	120	I-6842....1/4x24	1 1/2	1 1/2	1 1/2	
D-2432....3/8x16	1/2	1/2	1/2		F-6783....10x32	1 1/2	1 1/2	1 1/2	120	I-6843....1/4x24	1 1/2	1 1/2	1 1/2	
D-2934....8x32	1/2	1/2	1/2	218	F-6828....1/4x24	1 1/2	1 1/2	1 1/2	120	I-6861....1/4x16	1 1/2	1 1/2	1 1/2	
D-3044....8x32	1/2	1/2	1/2		G-274.....8x32	1/2	1/2	1/2	120	I-6925....1/4x18	1 1/2	1 1/2	1 1/2	
D-3359....10x32	1 1/2	1 1/2	1 1/2	218	G-304.....1/4x24	1 1/2	1 1/2	1 1/2	120	I-6926....1/4x18	1 1/2	1 1/2	1 1/2	
D-3667....2x64	1/2	1/2	1/2	218	G-308.....1/4x24	1 1/2	1 1/2	1 1/2	120	I-6931....1/4x24	1 1/2	1 1/2	1 1/2	
D-4686....1/2x12	1 1/2	1 1/2	1 1/2	218	G-309.....1/4x18	1 1/2	1 1/2	1 1/2	120	I-6932....1/4x16	1 1/2	1 1/2	1 1/2	17
D-4793....10x32	1 1/2	1 1/2	1 1/2	218	G-1173....8x32	1 1/2	1 1/2	1 1/2	120	I-6933....1/4x16	1 1/2	1 1/2	1 1/2	17
D-6255....4x48	1 1/2	1 1/2	1 1/2	218	G-1213....8x32	1 1/2	1 1/2	1 1/2	120	I-7308....1/4x16	1 1/2	1 1/2	1 1/2	17
D-6445....8x32	1 1/2	1 1/2	1 1/2	218	G-1783....8x32	1 1/2	1 1/2	1 1/2	120	I-7806....1/2x12	1 1/2	1 1/2	1 1/2	
D-6427....1/2x12	1 1/2	1 1/2	1 1/2	218	G-3283....5x40	1 1/2	1 1/2	1 1/2	120	I-8060....1/4x24	1 1/2	1 1/2	1 1/2	
D-6428....1/2x12	1 1/2	1 1/2	1 1/2	218	G-3928....5x40	1 1/2	1 1/2	1 1/2	120	J-406.....4x48	1 1/2	1 1/2	1 1/2	
D-6582....10x32	1 1/2	1 1/2	1 1/2	218	H-518.....1/4x18	1 1/2	1 1/2	1 1/2	120	J-882.....5x40	1 1/2	1 1/2	1 1/2	
E-9.....1/4x24	1/2	1/2	1/2		H-3691....1/4x24	1 1/2	1 1/2	1 1/2	120	J-983.....5x40	1 1/2	1 1/2	1 1/2	
E-356.....4x48	1 1/2	1 1/2	1 1/2		H-4195....10x32	1 1/2	1 1/2	1 1/2	120	J-1306....10x32	1 1/2	1 1/2	1 1/2	
E-377.....8x32	1 1/2	1 1/2	1 1/2		H-4208....10x32	1 1/2	1 1/2	1 1/2	120	J-2883....5x40	1 1/2	1 1/2	1 1/2	
E-922.....1/4x18	1 1/2	1 1/2	1 1/2		I-403.....8x32	1 1/2	1 1/2	1 1/2	120	J-3308....10x32	1 1/2	1 1/2	1 1/2	
E-1024....1/4x24	1 1/2	1 1/2	1 1/2		I-527.....8x48	1 1/2	1 1/2	1 1/2	120	J-5174....4x48	1 1/2	1 1/2	1 1/2	
E-1126....8x32	1 1/2	1 1/2	1 1/2		I-1882....10x32	1 1/2	1 1/2	1 1/2	120	J-5175....5x40	1 1/2	1 1/2	1 1/2	
E-1522....1/4x24	1 1/2	1 1/2	1 1/2		I-2031....10x32	1 1/2	1 1/2	1 1/2	120	J-5245....5x40	1 1/2	1 1/2	1 1/2	
E-1589....8x32	1 1/2	1 1/2	1 1/2		I-3207....1/4x24	1 1/2	1 1/2	1 1/2	120	J-5446....8x32	1 1/2	1 1/2	1 1/2	218
										J-5504....5x40	1 1/2	1 1/2	1 1/2	218
										J-6175....8x32	1 1/2	1 1/2	1 1/2	220

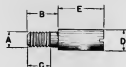


Table 10



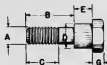
Part No.	Dis. & Thread	B	C	D	E
D-1663.....	8x48	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{11}{16}$
G-155.....	6x48	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{11}{16}$
G-2370.....	8x32	$\frac{1}{4}$	$\frac{1}{2}$	.248	$\frac{11}{16}$
G-2797.....	8x32	$\frac{1}{4}$	$\frac{1}{4}$	.248	$\frac{11}{16}$
H-533.....	8x32	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{11}{16}$
I-570.....	$\frac{1}{4}$ x24	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{16}$
I-961.....	8x32	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	1
I-9261.....	8x32	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{11}{16}$
I-9292.....	8x32	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{11}{16}$
I-9461.....	8x32	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	1
I-9576.....	6x48	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{16}$
J-1404.....	$\frac{1}{4}$ x24	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{11}{16}$

Table 11



Part No.	Dis. & Thread	B	C	D	E
B-806.....	4x48	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{16}$
D-342.....	$\frac{1}{4}$ x24	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{16}$
D-3074.....	8x32	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{16}$
E-82.....	8x32	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{16}$
E-3613.....	10x32	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{16}$
F-6014.....	8x32	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{16}$
G-955.....	8x32	$\frac{3}{16}$	$\frac{1}{4}$	.249	$\frac{11}{16}$
G-1687.....	8x32	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{16}$
H-472.....	8x32	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{16}$
H-2869.....	8x32	$\frac{3}{16}$	$\frac{1}{4}$	.251	$\frac{11}{16}$
I-2338.....	10x32	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{16}$
I-3335.....	8x32	.189	.189	$\frac{1}{4}$	.780
I-6166.....	8x32	.192	.192	$\frac{1}{4}$	.808
J-3148.....	8x32	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{16}$
J-6086.....	8x32	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{11}{16}$

Table 12



Part No.	Dis. & Thread	B	C	D	E	F	G
D-3271.....	10x32	$\frac{3}{8}$	$\frac{3}{8}$	.310	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{2}$
D-6154.....	$\frac{1}{4}$ x24	$\frac{3}{16}$	$\frac{3}{16}$	.374	.192	$\frac{1}{4}$	.162
D-6282.....	$\frac{1}{4}$ x24	$\frac{3}{16}$	$\frac{3}{16}$	.374	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{3}{16}$
G-3976.....	$\frac{5}{16}$ x16	$\frac{5}{16}$	$\frac{5}{16}$	.500	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{3}{16}$

Part No.	Dis. & Thread	B	C	D	E	F	G
I-7994.....	10x32	$\frac{3}{8}$	$\frac{1}{2}$	.312	$\frac{11}{16}$	$\frac{1}{2}$	$\frac{3}{4}$
J-6253.....	$\frac{1}{4}$ x24	2%	$\frac{3}{16}$	$\frac{11}{16}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{2}$

Table 13



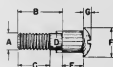
Part No.	Dis. & Thread A	B	C	D	E	F	G
B-19.....	1/8x12	1/8	1/8	1/8	1/8	1/8	1/8
B-636.....	8x32	1 1/2	1 1/2	.186	1 1/2	1 1/2	1 1/2
BB-211.....	1/8x18	1/8	1/8	1/8	.286	1/8	1/8
BB-213.....	1/8x24	1/8	1/8	.312	.385	1/8	1/8
D-354.....	8x32	1/8	1/8	.245	.130	.307	1/8
D-532.....	8x32	1/8	1/8	.245	.197	1/8	1/8
D-840.....	1/8x24	1/8	1/8	.245	.160	1/8	1/8
D-1377.....	8x32	1/8	1/8	.245	.107	1/8	1/8
D-1386.....	8x32	1/8	1/8	.245	.130	1/8	1/8
D-1898.....	8x32	.292	.292	.245	.097	1/8	1/8
D-2299.....	8x32	1/8	1/8	.245	.067	.307	1/8
D-2739.....	8x32	1/8	1/8	.245	.067	.307	1/8
D-2780.....	1/8x24	.200	.200	.312	.128	1/8	1/8
D-2944.....	8x32	1/8	1/8	.235	.070	.055	1/8
D-3326.....	8x32	1/8	1/8	.245	.130	.307	1/8
D-4263.....	4x48	1/4	1/4	.151	.067	1/8	1/8
D-4502.....	8x32	1/8	1/8	.247	.219	1/8	1/8
D-4664.....	1/8x24	1/8	1/8	.373	.130	1/8	1/8
D-5013.....	1/8x24	1/8	1/8	.370	.065	1/8	1/8
D-5124.....	1/8x16	.509	.509	.405	.687	1/8	1/8
D-5968.....	8x32	.282	.282	.245	.197	.287	1/8
D-6658.....	8x32	1/8	1/8	.247	.096	1/8	1/8
F-1466.....	10x32	1 1/2	1 1/2	1/4	.161	1/8	1/8
G-197.....	8x32	1/8	1/8	.247	.285	1/8	1/8
G-318.....	1/8x24	1/8	1/8	.310	1.255	1/8	1/8
G-781.....	1/8x24	.374	.374	.311	.188	1/8	1/8
G-1194.....	1/8x24	1/8	1/8	.373	.410	1/8	1/8
G-1588.....	8x32	1/8	1/8	.245	1/8	1/8	1/8
G-3800.....	10x32	1 1/2	1 1/2	.248	.130	1/8	1/8
G-3832.....	10x32	1 1/2	1 1/2	.248	.130	1/8	1/8
Part No.	Dis. & Thread A	B	C	D	E	F	G
G-3998.....	10x32	1/8	1/8	.248	.130	1/8	.120
G-4036.....	8x32	1/8	1/8	.248	.127	1/8	.192
H-139.....	8x32	1/8	1/8	1/4	.315	1/8	1/8
H-140.....	8x32	1/8	1/8	1/4	.067	1/8	1/8
H-1941.....	8x32	1/8	1/8	.245	.401	1/8	1/8
H-1755.....	8x32	1/8	1/8	.245	.235	1/8	1/8
H-2361.....	8x32	1/8	1/8	.250	.090	1/8	.115
H-2870.....	8x32	.197	1/8	.245	.197	1/8	1/8
H-2871.....	10x32	.310	.310	.248	.377	1/8	.105
H-3224.....	8x32	1/8	1/8	.245	.067	.307	1/8
H-3721.....	10x32	1/8	1/8	1/4	.130	1/8	1/8
H-3827.....	8x32	.222	.222	1/4	.090	1/8	1/8
H-4446.....	8x32	1/8	1/8	.245	.197	1/8	1/8
I-223.....	1/8x24	1/8	1/8	1/4	.066	1/8	1/8
I-374.....	6x48	.162	.162	.168	.135	1/8	1/8
I-1721.....	8x32	.370	.182	.194	.130	1/8	1/8
I-2079.....	10x32	1/8	1/8	.248	.252	1/8	1/8
I-4488.....	10x32	.230	.364	.217	.230	1/8	1/8
I-5154.....	1/8x24	1/8	1/8	.372	1.885	.437	.208
I-5422.....	8x32	.381	1/4	.200	.130	.278	1/8
I-5623.....	1/8x18	1/8	1/8	.375	.442	1/8	1/8
I-5905.....	1/8x24	2.483	1 1/2	.686	1.765	1 1/2	.141
I-5910.....	1/8x24	2.109	1 1/2	.686	1.609	1 1/2	.206
I-6216.....	1/8x24	1 1/2	1 1/2	.372	1 1/4	.437	1 1/4
J-327.....	8x32	1/4	1/4	.248	.130	.343	1/8
J-465.....	10x28	1/4	1/4	.248	.192	1/8	1/8
J-4818.....	10x32	.687	1/8	.248	.130	1/8	.120
J-6383.....	1/8x24	1/8	1/8	.310	.270	1/8	.105
J-6722.....	8x32	1/8	1/8	.245	1/8	1/8	1/8
J-9767.....	8x32	1/8	1/8	.245	.317	1/8	1/8

Table 14



Part No.		Dia. & Thread		A	B	C	D	E	F	G	Part No.	A	B	C	D	E	F	G		
B-805.....		8x32		1/8	1/8	1/8	.248	.034	1 1/2	.028	G-3995.....		1/8x18		1/8	.373	.243	.523	3/8	
B-843.....		10x32		3/16	3/16	3/16	.218	.251	1 1/2	1/8	G-4036.....		8x32		3/8	1 1/2	3/4	3/8		
B-856.....		1/4x24		3/8	3/8	3/8	.370	.312	1.130	1/4	G-4119.....		8x32		3/8	.203	3/4	3/8		
D-1064.....		4x48		5/16	5/16	5/16	.123	1/4	.182	1/8	H-2490.....		5/8x11		1	1	.687	1.563	1 1/4	.374
D-1301.....		4x48		5/16	5/16	5/16	.123	1/4	.182	1/8	H-2847.....		8x32		3/8	1	.249	3/4	3/8	
D-1606.....		5/8x16		1 1/2	1 1/2	1 1/2	.067	3/4	1 1/2	1/4	H-2848.....		8x32		3/8	1	.249	.500	3/4	3/8
D-1867.....		5x40		1/2	1/2	1/2	.120	.120	.067	3/4	H-2884.....		10x32		3/8	.271	.244	.251	3/8	3/8
D-3816.....		10x32		3/8	3/8	3/8	.250	.126	3/4	1/4	H-4079.....		1/4x24		3/8	3/8	.310	.220	3/8	3/8
D-4719.....		4x48		5/16	5/16	5/16	.136	.067	3/4	.050	I-2695.....		5x40		.122	.122	.156	.034	.235	3/8
D-4936.....		5/8x16		1 1/2	1 1/2	1 1/2	.437	1.165	1	.272	I-3594.....		8x32		3/4	3/4	.248	.120	3/4	3/8
D-5037.....		5/8x16		1 1/2	1 1/2	1 1/2	.435	2.614	1/4	.156	I-4486.....		10x32		3/8	3/8	.239	.249	.314	3/4
D-5041.....		5/8x24		1 1/2	1 1/2	1 1/2	.373	.283	3/4	.050	I-5165.....		5/8x18		.492	.492	.498	1.130	3/4	3/8
D-5091.....		5/8x18		1 1/2	1 1/2	1 1/2	.455	1.458	3/4	.136	I-5248.....		8x32		3/4	3/4	3/4	3/4	3/4	3/8
D-5231.....		5x40		.199	.199	.199	.067	.375	3/4	.082	I-5626.....		6x48		1/4	1/4	.186	.130	.130	.041
D-5320.....		10x32		3/8	3/8	3/8	.312	.470	1 1/2	.082	I-5923.....		5/8x24		1 1/2	1 1/2	.375	.095	1 1/2	3/4
D-5492.....		8x32		3/8	3/8	3/8	.187	.065	3/4	3/4	I-5963.....		8x32		3/8	3/8	.250	3/4	3/4	3/8
D-6151.....		5/8x24		1 1/2	1 1/2	1 1/2	.312	.22	1 1/2	3/4	I-6320.....		5/8x24		1 1/2	1 1/2	.436	.128	3/4	3/8
D-6191.....		8x32		3/8	3/8	3/8	.249	1 1/2	1 1/2	3/4	I-6321.....		8x32		3/8	3/8	.249	3/4	3/4	3/8
D-6290.....		6x32		3/4	3/4	3/4	.218	3/4	3/4	3/4	I-6326.....		8x32		3/8	3/8	3/4	3/4	3/4	3/8
E-103.....		6x48		5/16	5/16	5/16	.130	1/4	.070	3/8	I-6399.....		10x32		3/8	3/8	.280	3/4	3/4	3/8
E-4065.....		10x32		3/8	3/8	3/8	.249	1/4	1/4	1/4	I-7610.....		5/8x18		1 1/2	1 1/2	.374	.502	3/4	3/8
F-5529.....		10x32		3/4	3/4	3/4	.310	.377	1/2	3/8	I-7829.....		5/8x18		.436	.436	.373	.596	.495	3/8
G-892.....		5/8x18		1 1/2	1 1/2	1 1/2	.375	.752	3/4	3/4	J-1784.....		6x48		5/16	5/16	.187	.065	3/4	.060
G-1400.....		8x32		3/8	3/8	3/8	.247	3/4	3/4	3/4	J-6380.....		5/8x18		1 1/2	1 1/2	.373	.253	3/4	3/8
G-3114.....		5/8x11		1 1/2	1 1/2	1 1/2	.749	1.252	1 1/2	1 1/2	J-8381.....		5/8x24		.536	3/4	.310	.130	3/4	.089
											J-6382.....		5/8x24		3/4	3/4	.310	.207	3/4	3/8

Table 15



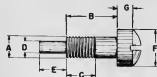
Part No.	A	B	C	D	E	F	G
D-215.....	8x32	$\frac{1}{4}$	$\frac{1}{4}$	.245	.317	$\frac{5}{8}$	$\frac{1}{4}$
D-232.....	8x32	$\frac{3}{8}$	$\frac{3}{8}$	.188	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{1}{4}$
D-548.....	8x32	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{16}$	.067	$\frac{5}{8}$	$\frac{1}{4}$

Table 16



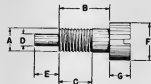
Part No.	A	B	C	D	E	F	G
D-193.....	8x32	$\frac{5}{8}$	$\frac{5}{8}$	.249	$\frac{11}{16}$	.347	$\frac{1}{2}$
D-4389.....	6x48	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{16}$	.732	.283	.063

Table 17



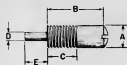
Part No.	A	B	C	D	E	F	G
D-185.....	8x32	$\frac{3}{8}$	$\frac{3}{8}$	.098	$\frac{1}{16}$	$\frac{1}{2}$	$\frac{1}{16}$
E-187.....	$\frac{1}{4}$ x24	$\frac{1}{8}$	$\frac{1}{8}$	.124	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{8}$
E-1265.....	4x48	$\frac{1}{8}$	$\frac{1}{8}$	.080	$\frac{1}{16}$	$\frac{1}{2}$	$\frac{1}{16}$
G-99.....	8x32	$\frac{1}{2}$	$\frac{1}{2}$	.092	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$
G-429.....	$\frac{5}{8}$ x16	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$
G-787.....	10x32	$\frac{3}{4}$	$\frac{3}{4}$	.121	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$
I-1930.....	$\frac{1}{4}$ x32	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{16}$	$\frac{1}{2}$	$\frac{1}{16}$

Table 18



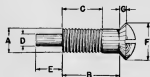
Part No.	A	B	C	D	E	F	G
D-991.....	4x48	$\frac{1}{8}$	$\frac{1}{8}$	.080	$\frac{1}{16}$	$\frac{1}{2}$	$\frac{1}{16}$
D-4770.....	6x48	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{2}$	$\frac{1}{16}$
D-6242.....	8x32	$\frac{1}{4}$	$\frac{1}{4}$	.123	$\frac{1}{16}$	$\frac{1}{2}$	$\frac{1}{16}$
E-463.....	$\frac{5}{8}$ x18	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{1}{4}$	$\frac{21}{32}$	$\frac{1}{2}$	$\frac{3}{8}$
E-1737.....	$\frac{5}{8}$ x16	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{1}{4}$	$\frac{21}{32}$	$\frac{1}{2}$	$\frac{3}{8}$
G-114.....	$\frac{5}{8}$ x16	$\frac{3}{4}$	$\frac{3}{4}$	.245	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{16}$
G-2789.....	8x32	1	$\frac{3}{4}$	.110	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$
H-4796.....	4x48	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{2}$	$\frac{1}{16}$
I-2767.....	$\frac{1}{4}$ x32	.183	.183	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{2}$	.129

Table 19



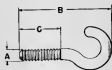
Part No.	Dia. & Thread	B	C	D	E
<b>C-203</b> .....	$\frac{1}{4}$ x24	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{5}{8}$
<b>D-6396</b> .....	8x32	$\frac{3}{4}$	$\frac{3}{4}$	.120	$\frac{1}{2}$
<b>G-904</b> .....	$\frac{1}{2}$ x24	$\frac{1}{2}$	$\frac{1}{2}$	.250	$\frac{5}{8}$
<b>G-3176</b> .....	6x48	$\frac{3}{4}$	$\frac{1}{2}$	.064	$\frac{3}{8}$
<b>G-3574</b> .....	8x32	$\frac{3}{4}$	$\frac{1}{2}$	.116	$\frac{3}{4}$
<b>I-7997</b> .....	$\frac{3}{8}$ x16	$3\frac{1}{4}$	$3\frac{1}{4}$	$\frac{3}{4}$	$\frac{3}{4}$

Table 20



Part No.	Dia. & Thread	B	C	D	E	F
<b>B-77</b> .....	$\frac{1}{2}$ x24	.255	.255	$\frac{1}{4}$	$1\frac{1}{2}$	$\frac{1}{2}$

Table 21



Part No.	Dia. & Thread	B	C
<b>B-35</b> .....	$\frac{3}{8}$ x16	$3\frac{3}{4}$	$1\frac{3}{4}$
<b>B-848</b> .....	$\frac{1}{4}$ x24	$4\frac{3}{4}$	3
<b>D-5042</b> .....	10x32	$1\frac{1}{2}$	$1\frac{1}{2}$
<b>F-235</b> .....	8x32	$\frac{3}{4}$	$\frac{1}{4}$
<b>G-138</b> .....	4x48	$\frac{5}{16}$	$\frac{1}{2}$
<b>G-2831</b> .....	$\frac{1}{2}$ x24	$1\frac{1}{2}$	$\frac{1}{2}$
<b>G-4145</b> .....	$\frac{3}{8}$ x16	$2\frac{1}{4}$	$\frac{1}{2}$
<b>H-375</b> .....	10x28	$1\frac{1}{2}$	$\frac{3}{4}$
<b>I-3738</b> .....	$\frac{1}{2}$ x18	$1\frac{1}{2}$	$\frac{1}{2}$
<b>I-5453</b> .....	$\frac{1}{2}$ x18	$1\frac{1}{2}$	$\frac{1}{2}$
<b>I-6621</b> .....	$\frac{1}{2}$ x18	$2\frac{1}{2}$	$\frac{1}{2}$
<b>I-7741</b> .....	$\frac{1}{2}$ x24	$2\frac{1}{2}$	$1\frac{1}{2}$

Table 22



Part No.	A	B
<b>A-114</b> .....	.250	$\frac{1}{2}$
<b>A-116</b> .....	.375	$\frac{1}{2}$
<b>A-188</b> .....	.375	$1\frac{1}{2}$
<b>A-325</b> .....	.375	$2\frac{3}{4}$
<b>A-720</b> .....	.375	$1\frac{1}{2}$
<b>A-730</b> .....	.3125	$\frac{3}{4}$
<b>A-731</b> .....	.3125	$1\frac{1}{2}$
<b>A-732</b> .....	$\frac{1}{4}$	$\frac{3}{4}$
<b>A-733</b> .....	.375	$\frac{3}{4}$
<b>A-945</b> .....	.375	2
<b>BB-134</b> .....	.125	$\frac{3}{4}$
<b>C-116</b> .....	.250	$\frac{1}{2}$
<b>C-141</b> .....	.250	$\frac{1}{2}$
<b>D-102</b> .....	.0625	$\frac{1}{2}$
<b>D-145</b> .....	.125	$\frac{1}{2}$
<b>D-218</b> .....	.125	$\frac{1}{2}$
<b>D-239</b> .....	.06375	$\frac{1}{2}$
<b>D-321</b> .....	.125	$1\frac{1}{2}$
<b>D-327</b> .....	.125	$\frac{3}{4}$
<b>D-330</b> .....	.125	$\frac{1}{2}$
<b>D-331</b> .....	.125	$\frac{1}{2}$
<b>D-332</b> .....	.125	$\frac{1}{2}$
<b>D-396</b> .....	.066	$\frac{1}{2}$
<b>D-401</b> .....	.125	$\frac{1}{2}$
<b>D-601</b> .....	.125	$\frac{1}{2}$
<b>D-657</b> .....	.06375	$\frac{1}{2}$
<b>D-664</b> .....	.069	$\frac{1}{2}$
<b>D-673</b> .....	.070	$\frac{1}{2}$
<b>D-714</b> .....	.06375	$\frac{1}{2}$
<b>D-715</b> .....	.06375	$\frac{1}{2}$
<b>D-839</b> .....	.125	$\frac{1}{2}$
<b>D-964</b> .....	.15625	$\frac{1}{2}$
<b>D-965</b> .....	.15625	$\frac{1}{2}$
<b>D-977</b> .....	.15625	$\frac{1}{2}$
<b>D-887</b> .....	.079	$\frac{1}{2}$
Part No.	A	B
<b>D-1012</b> .....	.06375	$\frac{1}{2}$
<b>D-1070</b> .....	.250	$1\frac{1}{2}$
<b>E-184</b> .....	.1875	1
<b>F-663</b> .....	.1875	$\frac{3}{4}$
<b>F-648</b> .....	.157	$\frac{1}{2}$
<b>F-861</b> .....	.3125	$1\frac{1}{2}$
<b>G-179</b> .....	.120	$\frac{3}{4}$
<b>G-181</b> .....	.15625	$\frac{3}{4}$
<b>G-240</b> .....	.16625	$\frac{3}{4}$
<b>H-166</b> .....	$\frac{1}{2}$	$\frac{1}{2}$
<b>H-167</b> .....	.0625	$\frac{1}{2}$
<b>H-1782</b> .....	.250	$\frac{1}{2}$
<b>H-5316</b> .....	.125	$\frac{1}{2}$
<b>I-444</b> .....	.188	$1\frac{1}{4}$
<b>I-445</b> .....	.188	$\frac{1}{2}$
<b>I-667</b> .....	.1875	$\frac{3}{4}$
<b>I-874</b> .....	.1875	$\frac{1}{2}$
<b>I-883</b> .....	.1875	$\frac{1}{2}$
<b>I-1120</b> .....	.250	$\frac{3}{4}$
<b>I-3198</b> .....	.21875	$1\frac{1}{2}$
<b>I-6174</b> .....	.3125	$1\frac{1}{2}$
<b>I-5189</b> .....	.4375	$\frac{1}{2}$
<b>I-6367</b> .....	.4375	$1\frac{1}{2}$
<b>I-6375</b> .....	.4375	$1\frac{1}{2}$
<b>J-136</b> .....	.0625	$\frac{1}{2}$
<b>J-171</b> .....	.065	$\frac{1}{2}$
<b>J-247</b> .....	.0625	$\frac{1}{2}$
<b>J-311</b> .....	.1875	$\frac{1}{2}$
<b>J-640</b> .....	.1875	$\frac{1}{2}$
<b>J-805</b> .....	.1875	$1\frac{1}{2}$
<b>J-977</b> .....	.3125	$\frac{1}{2}$

Table 23



Part No.	A	B
A-120.....	.250	$\frac{1}{16}$
D-323.....	$\frac{1}{4}$	$\frac{13}{64}$
D-403.....	.0625	$\frac{3}{64}$
E-231.....	.125	$\frac{5}{16}$
E-243.....	$\frac{1}{8}$	.225
E-466.....	.063	$\frac{3}{16}$
E-1079.....	$\frac{1}{16}$	.342
F-723.....	.250	$1\frac{1}{16}$
F-5854.....	.1875	$\frac{7}{16}$
G-158.....	.09375	$\frac{1}{4}$
G-160.....	.09375	$\frac{3}{8}$
G-162.....	.09375	.162
G-163.....	.09375	.190
G-164.....	.09375	$\frac{3}{4}$
G-228.....	.09375	$\frac{1}{2}$
G-229.....	.09375	$\frac{1}{4}$
G-246.....	.1875	$\frac{13}{16}$
G-357.....	.09375	.151
G-397.....	.125	$\frac{11}{16}$
G-532.....	.09375	$\frac{11}{16}$
G-3162.....	.0625	.395
G-3226.....	.15625	$\frac{1}{16}$
H-192.....	.09375	$\frac{1}{8}$
H-567.....	.21875	$\frac{1}{2}$
I-114.....	.125	$\frac{3}{4}$
I-298.....	.063	1
I-1079.....	$\frac{1}{4}$	$\frac{3}{4}$
J-479.....	.09375	$\frac{3}{4}$
J-763.....	.09375	$1\frac{1}{4}$
J-3756.....	.0625	$\frac{11}{16}$

Table 24



Part No.	A	B
B-13.....	.250	$2\frac{3}{4}$
B-222.....	.250	$1\frac{1}{4}$
B-338.....	.15625	$\frac{3}{4}$
BB-263.....	.1875	$\frac{1}{2}$
D-404.....	.0625	$\frac{5}{16}$
D-572.....	.1875	$\frac{1}{2}$
D-950.....	.1875	$1\frac{1}{2}$
D-972.....	.09375	$\frac{1}{8}$
D-973.....	.09375	$\frac{3}{8}$
D-974.....	.15625	$\frac{1}{2}$
D-1029.....	.09375	$\frac{1}{2}$
D-1030.....	.125	1
D-1034.....	.15625	$\frac{3}{4}$
D-3938.....	.09375	$\frac{13}{16}$
D-4670.....	.09375	$\frac{43}{64}$
D-5259.....	.03125	$\frac{1}{16}$
D-6432.....	.125	$1\frac{1}{2}$
E-69.....	.250	$\frac{13}{16}$
E-168.....	.125	$\frac{1}{2}$
E-175.....	.063	$\frac{1}{16}$
E-304.....	.15625	$\frac{11}{16}$
E-602.....	.1875	$\frac{21}{16}$
F-229.....	.09375	$\frac{5}{16}$
F-4797.....	.125	$\frac{3}{4}$
G-95.....	.09375	$1\frac{1}{2}$
G-158.....	.09375	$\frac{3}{4}$
G-2891.....	.125	$\frac{3}{4}$
G-3363.....	$\frac{3}{4}$	$\frac{63}{64}$
G-3656.....	.3125	$1\frac{1}{2}$
G-3860.....	.375	$4\frac{1}{2}$
H-463.....	.09375	$\frac{3}{4}$
H-1932.....	.125	$\frac{5}{8}$
H-2220.....	.1875	$1\frac{1}{2}$
I-144.....	.09375	$\frac{3}{4}$
I-831.....	.1875	$\frac{13}{16}$
I-1072.....	.250	$\frac{5}{4}$
I-2430.....	.1875	$\frac{3}{16}$
I-6661.....	.09375	$\frac{1}{16}$
I-8858.....	.0625	$\frac{1}{16}$
I-5667.....	.0625	$\frac{1}{16}$
J-175.....	.125	$\frac{5}{8}$
J-176.....	.125	$\frac{5}{8}$
J-3614.....	.09375	1
J-5378.....	.09375	$\frac{1}{16}$

Table 25



Part No.	A	B	Part No.	A	B
B-277.....	$\frac{3}{8}$	$\frac{1}{2}$	G-190.....	.0625	$\frac{1}{8}$
C-209.....	.250	$1\frac{1}{8}$	G-374.....	.0625	$1\frac{1}{2}$
D-430.....	.0625	$\frac{3}{4}$	G-3975.....	.041	$\frac{3}{4}$
D-697.....	$\frac{1}{4}$	$2\frac{1}{8}$	I-261.....	$\frac{1}{8}$	$\frac{1}{8}$
D-3264.....	.125	$\frac{1}{8}$	I-5682.....	.187	$\frac{1}{8}$
E-240.....	$\frac{1}{8}$	$\frac{3}{4}$	I-5684.....	.187	$\frac{1}{8}$
G-103.....	.041	.220	I-5846.....	.187	$1\frac{1}{8}$
G-167.....	$\frac{1}{8}$	.439	J-254.....	$\frac{1}{8}$	$1\frac{1}{4}$
			J-5544.....	.125	$\frac{3}{4}$

Table 26



Part No.	A	B	Taper	C	Part No.	A	B	Taper	C
A-118.....	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	.2518	G-1334.....	$\frac{1}{8}$	.836	$\frac{1}{4}$	.139
B-44.....	.539	$2\frac{1}{8}$	$\frac{1}{2}$	.4427	G-2015.....	$\frac{3}{8}$	$\frac{3}{4}$	$\frac{1}{4}$	$\frac{1}{8}$
B-261.....	$\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{4}$	.140	G-3635.....	.162	$\frac{1}{2}$	$\frac{1}{4}$	.142
B-366.....	.539	$1\frac{1}{4}$	$\frac{1}{2}$	.466	G-3637.....	.130	$1\frac{1}{8}$	$\frac{1}{4}$	.1028
BB-47.....	$\frac{1}{4}$	$1\frac{1}{4}$	$\frac{1}{4}$	.2214	H-56.....	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{4}$	.1367
D-181.....	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	.115	H-71.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	.1107
D-2182.....	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	.084	H-182.....	.105	$\frac{1}{2}$	$\frac{1}{4}$	.0881
D-4708.....	.1875	1	$\frac{1}{4}$	.1667	H-387.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	.1693
D-4964.....	.1875	$\frac{1}{2}$	$\frac{1}{4}$	.170	H-1438.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	.0775
E-75.....	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	.2162	I-275.....	.219	$1\frac{1}{2}$	$\frac{1}{4}$	.1956
E-84.....	$\frac{1}{4}$	$1\frac{1}{8}$	$\frac{1}{4}$	.1628	I-416.....	$\frac{1}{4}$	2	$\frac{1}{4}$	.2084
F-215.....	$\frac{1}{4}$	$1\frac{1}{4}$	$\frac{1}{4}$	.2135	I-467.....	$\frac{1}{4}$	$1\frac{1}{2}$	$\frac{1}{4}$	.1237
F-3880.....	.1875	$1\frac{1}{2}$	$\frac{1}{4}$	.1589	I-905.....	.229	$1\frac{1}{2}$	$\frac{1}{4}$	.1978
G-16.....	$\frac{1}{8}$	$1\frac{1}{4}$	$\frac{1}{4}$	.2398	I-3223.....	.1836	$\frac{1}{2}$	$\frac{1}{4}$	.1633
G-51.....	$\frac{1}{4}$	$1\frac{1}{4}$	$\frac{1}{4}$	.1276	I-4924.....	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	.2292
G-702.....	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	.082	I-5441.....	.151	$1\frac{1}{2}$	$\frac{1}{4}$	.1216
G-1933.....	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	.140	I-5442.....	.148	1	$\frac{1}{4}$	.1276
					I-5928.....	.125	$\frac{1}{4}$	$\frac{1}{4}$	.169
					J-995.....	$\frac{1}{4}$	$1\frac{1}{8}$	$\frac{1}{4}$	.0978

Table 27



Part No.	Di. & Thread A	B	C
A-116.....	1/2x12	1/2	3/4
B-237.....	1/4x24	3/8	1/2
B-825.....	3/8x16	1/2	3/4
BB-221.....	10x28	3/4	1 1/4
BB-247.....	1/2x11	1 1/4	1 1/2
BB-270.....	1/2x20	3/4	1 1/4
C-83.....	3/8x16	1/4	1/2
C-297.....	1/2x18	1/2	3/4
D-802.....	8x32	3/4	1 1/4
D-5298.....	3/8x16 Lh.	1/4	1/2
D-5508.....	5x40	3/4	1 1/4
E-165.....	3/8x16	3/4	1 1/4
E-430.....	1/2x12	1 1/4	1 1/2
E-539.....	3/8x32	1/4	1/2
E-947.....	1/2x32	3/4	1 1/4
E-2720.....	1/2x18	3/4	1 1/4
E-2739.....	1/2x24	3/4	1 1/4
E-3265.....	8x32	3/4	1 1/4
F-2344.....	10x32	3/4	1 1/4
F-2399.....	8x32	3/4	1 1/4
F-5599.....	1/2x20	3/4	1 1/4
F-7415.....	1/2x24 Lh.	3/4	1 1/4
G-744.....	1/2x18	3/4	1 1/4

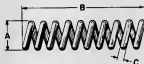
Table 28



Part No.	Di. & Thread A	B	C
A-877.....	1/2	1/2	3/4
B-515.....	7/8	1 1/2	1 1/2
B-614.....	1 1/2	1 1/2	1 1/2
B-855.....	1 1/2	1 1/2	1 1/2
D-107.....	1 1/2	3/4	3/4
D-336.....	1 1/2	3/4	3/4
D-779.....	1 1/2	3/4	3/4
D-940.....	1 1/2	3/4	3/4
D-1525.....	1 1/2	3/4	3/4
D-1857.....	1 1/2	3/4	3/4
D-1890.....	1 1/2	3/4	3/4
D-2463.....	1 1/2	3/4	3/4
D-3615.....	1 1/2	3/4	3/4
D-5232.....	1 1/2	3/4	3/4
D-5297.....	1 1/2	3/4	3/4
D-6314.....	1 1/2	3/4	3/4
D-6190.....	1 1/2	3/4	3/4
E-301.....	1 1/2	3/4	3/4
E-494.....	1 1/2	3/4	3/4
E-528.....	1 1/2	3/4	3/4
E-525.....	1 1/2	3/4	3/4
E-2746.....	1 1/2	3/4	3/4
E-3306.....	1 1/2	3/4	3/4
F-592.....	1 1/2	3/4	3/4
F-593.....	1 1/2	3/4	3/4
F-594.....	1 1/2	3/4	3/4
F-717.....	1 1/2	3/4	3/4
F-1125.....	1 1/2	3/4	3/4
F-2854.....	1 1/2	3/4	3/4
F-4016.....	1 1/2	3/4	3/4
G-33.....	1 1/2	3/4	3/4
G-107.....	1 1/2	3/4	3/4
G-394.....	1 1/2	3/4	3/4
G-1134.....	1 1/2	3/4	3/4
G-1135.....	1 1/2	3/4	3/4
G-1168.....	1 1/2	3/4	3/4
G-2748.....	1 1/2	3/4	3/4
G-3078.....	1 1/2	3/4	3/4
G-3952.....	1 1/2	3/4	3/4
H-352.....	1 1/2	3/4	3/4
H-457.....	1 1/2	3/4	3/4
H-535.....	1 1/2	3/4	3/4
H-1115.....	1 1/2	3/4	3/4
H-3241.....	1 1/2	3/4	3/4
H-3953.....	1 1/2	3/4	3/4
I-2422.....	1 1/2	3/4	3/4
I-2540.....	1 1/2	3/4	3/4
I-3134.....	1 1/2	3/4	3/4
I-3874.....	1 1/2	3/4	3/4
I-4527.....	1 1/2	3/4	3/4
I-4881.....	1 1/2	3/4	3/4
I-4972.....	1 1/2	3/4	3/4
I-5151.....	1 1/2	3/4	3/4
I-5510.....	1 1/2	3/4	3/4
I-5877.....	1 1/2	3/4	3/4
I-6375.....	1 1/2	3/4	3/4
I-6378.....	1 1/2	3/4	3/4
I-6388.....	1 1/2	3/4	3/4
J-5180.....	1 1/2	3/4	3/4
J-5375.....	1 1/2	3/4	3/4



Table 29



Part No.	A	B	C	No. of Coils
B-4.....	1 1/8	1 3/4	1 1/8	5
B-75.....	1 1/8	3 3/4	.135	15
B-104.....	1 1/8	1 1/2	.020	13
B-238.....	1 1/8	13	.175	47
B-595.....	1 1/8	2 1/2	3/4	6 1/2
B-613.....	3/4	3 3/4	.024	43
B-764.....	3/4	2 5/8	.024	29
D-80.....	5/8	1 1/4	.013	5
D-94.....	5/8	.024	.024	7
D-154.....	1 1/4	2 1/4	.028	12
D-194.....	1 1/4	1 1/2	.034	8
D-315.....	5/8	1 1/2	.100	3
D-905.....	1 1/2	1 1/2	.024	11
D-1065.....	1 1/2	1 1/2	.024	11
D-1152.....	1 1/2	1 1/4	.025	18
D-1747.....	1 1/2	1 1/2	.024	5
D-2317.....	1 1/2	1 1/2	.024	6
D-3219.....	1 1/2	1 1/2	.016	8
D-3664.....	1 1/2	1 1/2	.024	6
D-3821.....	1 1/2	1 1/2	.030	10
Part No.	A	B	C	No. of Coils
D-4658.....	1 1/8	1 1/4	.063	9
D-6325.....	1 1/8	3/4	.022	10 1/2
E-935.....	1 1/8	1	.040	9
F-357.....	3/8	1	.040	11
F-2914.....	1 1/8	3/4	.063	6
G-32.....	3/4	1 1/8	.040	10
G-58.....	1 1/4	1	.024	8
G-78.....	1 1/4	3/4	.016	12
G-98.....	1 1/4	1 1/2	.016	13
G-130.....	200	1 1/2	.048	6
G-432.....	5/8	1 1/2	.059	12
G-672.....	1 1/4	1 1/2	.070	9
G-1065.....	3/20	1 1/2	.052	3
G-1218.....	1 1/4	1 1/2	.022	11
G-1438.....	1 1/4	4 3/4	.044	46
G-2793.....	1 1/4	1 1/2	.071	9
G-3592.....	1 1/2	1 1/2	.063	3 1/2
G-3862.....	1 1/4	1 1/4	.040	14
Part No.	A	B	C	No. of Coils
G-3926.....	1 1/4	1/2	.011	10
G-4422.....	3/20	3/4	.032	2 1/2
G-4491.....	620	1 1/4	.055	10
G-4641.....	3/4	1 1/2	.048	13
H-1023.....	1 1/8	3/4	.028	6
H-1255.....	1 1/8	3/4	.028	7
H-2234.....	1 1/4	5/8	.051	35
H-2435.....	288	3/4	.034	12
H-2850.....	3/4	1 1/4	.026	22
H-3903.....	1 1/4	1 1/2	.046	6
H-3954.....	3/4	1 1/4	.055	14
H-4041.....	1 1/8	2 1/4	5/8 sq.	5 1/2
H-5647.....	3/4	1 1/4	.030	14
I-4997.....	1 1/4	3/4	.042	6
I-5147.....	337	1 1/4	.063	10
I-5197.....	4 1/2	3/4	.040	7
I-6346.....	302	1 1/4	.063	5

Table 30



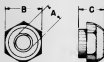
Part No.	A	B	C	Part No.	A	B	C
B-33.....	1 1/4	16.960	.160	G-3406....	1 1/2	5.120	.024
B-50.....	1 1/4	8.160	.160	G-3992....	1 1/2	5.120	.032
B-514.....	1 1/4	2 1/8	.065	G-4601....	1 1/2	5.120	.060
B-604.....	1 1/4	7 1/8	.086	G-4604....	1 1/2	5.120	.060
B-804.....	1 1/2	1	.024	G-4630....	1 1/2	5.120	.036
B-827.....	1 1/2	1 1/4	.146				
D-994.....	1 1/4	1 1/4	.032	H-46.....	1 1/2	1.025	.025
D-1378....	1 1/4	1	.0188	H-374....	1 1/2	5.120	.074
D-1384....	1 1/4	1 1/4	.018	H-544....	1 1/2	5.120	.020
D-4073....	1 1/4	1 1/4	.040	H-567....	1 1/2	5.120	.020
D-4618....	1 1/4	1 1/4	.020	H-1767....	1 1/2	3 1/2	.028
D-4661....	1 1/4	1 1/4	.024	H-2879....	1 1/2	11 1/2	.063
D-4662....	1 1/4	1 1/4	.020	H-2880....	1 1/2	3 1/2	.034
D-4663....	1 1/4	1 1/4	.020	H-3682....	1 1/2	1	.010
D-4682....	1 1/4	1 1/4	.020	H-3969....	1 1/2	4 1/4	.074
D-4705....	1 1/4	1 1/4	.020	H-5305....	1 1/2	1 1/4	.010
D-4778....	1 1/4	1 1/4	.032	I-908.....	1 1/2	4	.040
D-4817....	1 1/4	1 1/4	.028	I-1014....	1 1/2	5.120	.024
D-5015....	1 1/4	1 1/4	.034	I-1027....	1 1/2	8.96	.032
D-5043....	1 1/4	2 1/4	.036	I-1173....	1 1/2	3 1/2	.063
D-5053....	1 1/4	1 1/4	.013	I-1646....	1 1/2	4	.063
E-1150....	1 1/4	2 1/4	.046	I-2931....	1 1/2	3 1/2	.065
E-3658....	1 1/4	2 1/4	.060	I-3729....	1 1/2	9	.114
E-3659....	1 1/4	2 1/4	.046	I-5184....	1 1/2	3 1/2	.026
E-3752....	1 1/4	4	.045	I-6185....	1 1/2	1 1/2	.042
G-67.....	1 1/4	1 1/4	.025	I-6675....	1 1/2	1 1/2	.020
G-163....	1 1/4	5	.045	I-6961....	1 1/2	2 1/4	.063
G-243....	1 1/4	266	.024	I-6322....	1 1/2	4 1/4	.032
G-322....	1 1/4	200	.024	I-6323....	1 1/2	4 1/4	.032
G-346....	1 1/4	1 1/4	.025	I-6402....	1 1/2	2 1/2	.040
G-937....	1 1/4	150	.018	I-6408....	1 1/2	2 1/2	.063
G-1527....	1 1/4	1 1/4	.024	I-7414....	1 1/2	1 1/4	.024
G-2553....	1 1/4	1 1/4	.013	I-7612....	1 1/2	9 1/4	.114
G-2556....	1 1/4	1 1/4	.028	I-7703....	1 1/2	2 1/2	.055
G-2828....	1 1/4	210	.024	I-7778....	1 1/2	7 1/2	.114
G-3386....	1 1/4	266	.024	I-7993....	1 1/2	3 1/4	.074
				I-8044....	1 1/2	1 1/4	.074

Table 31



Part No.	Bolt Size	A	B	Part No.	Bolt Size	A	B
C-1502....	1/4	1 1/4	1 1/4	F-2438....	1/4	1.09	.062
D-4534....	1/4	1 1/4	1 1/4	F-2445....	#10	1 1/4	1 1/4
E-1654....	1/4	1 1/4	1 1/4	F-6655....	#10	1 1/4	1 1/4
E-3479....	1/4	1 1/4	1 1/4	G-2852....	1/4	1 1/4	1 1/4
E-3816....	#8	1 1/4	1 1/4	J-5496....	#10	.062	.047
E-4605....	#6	.055	.044	J-6498....	#4	.047	.031

Table 32



Part No.	Dis. & Thread	A	B	C	Part No.	Dis. & Thread	A	B	C
I-5155....	1/4x24	1 1/2	1 1/4	1 1/4	I-5908....	1/4x24	1 1/4	1 1/4	1 1/4
I-5509....	1/2x12	1 1/4	1 1/4	1 1/4	I-5909....	1/4x18	1 1/4	1 1/4	1 1/4
I-5927....	1/4x24	1 1/2	1 1/4	1 1/4	J-5182....	1/4x24	1 1/2	1 1/4	1 1/4
I-5933....	1/4x18	1 1/4	1 1/4	1 1/4					
I-5972....	1/4x24	1 1/2	1 1/4	1 1/4					

A		A		B		B		B		BB		C		D		D	
Part	Page	Part	Page	Part	Page	Part	Page	Part	Page	Part	Page	Part	Page	Part	Page	Part	Page
5	280, 320	862	308	113	264	379	272	204	268	211	340	799	308	321	86	321	86
13	188, 308	863	270	205	272	380	272	205	268	354	340	842	308	322	134	322	134
17	310, 320	864	270	209	272	393	272	212	306	213	336	1281	132	323	10	323	10
38	68	876	140	210	320, 340	434	272	212	306	220	350	1481	320	324	22	324	22
12, 30, 210		877	140	211	368	435	272	212	306	221	4	1502	320	325	172, 174, 178	325	172, 174, 178
216, 220, 220		885	140	212	368	436	272	212	306	247	250, 350, 370	1645	320	326	180, 184, 192	326	180, 184, 192
286		901	258	217	368	437	272	212	306	263	350	1964	320	327	324	327	324
56	138	902	272, 308	218	368	438	272	212	306	270	312	2078	320	328	46, 208, 282	328	46, 208, 282
149	12	945	308	219	368	439	272	212	306	271	312	154	320	329	268	329	268
112	12	998	372	220	368	440	272	212	306	272	312	156	320	330	14, 28, 92	330	14, 28, 92
22, 24, 30, 40		1006	381	221	368	441	272	212	306	273	312	157	320	331	88, 100, 112	331	88, 100, 112
48, 52, 68, 84				222	368	442	272	212	306	274	312	158	320	332	170, 182, 202	332	170, 182, 202
88, 92, 178				223	368	443	272	212	306	275	312	159	320	333	268, 280, 324	333	268, 280, 324
200, 202, 210				224	368	444	272	212	306	276	312	160	320	334	268, 280, 324	334	268, 280, 324
288, 294, 296				225	368	445	272	212	306	277	312	161	320	335	328	335	328
308, 310, 322				226	368	446	272	212	306	278	312	162	320	336	328	336	328
358, 362, 372				227	368	447	272	212	306	279	312	163	320	337	328	337	328
370, 378				228	368	448	272	212	306	280	312	164	320	338	328	338	328
114	132			229	368	449	272	212	306	281	312	165	320	339	328	339	328
210	64			230	368	450	272	212	306	282	312	166	320	340	328	340	328
118	94			231	368	451	272	212	306	283	312	167	320	341	328	341	328
120	140, 144			232	368	452	272	212	306	284	312	168	320	342	328	342	328
136	272			233	368	453	272	212	306	285	312	169	320	343	328	343	328
138	94			234	368	454	272	212	306	286	312	170	320	344	328	344	328
140	194			235	368	455	272	212	306	287	312	171	320	345	328	345	328
142	380			236	368	456	272	212	306	288	312	172	320	346	328	346	328
152	380			237	368	457	272	212	306	289	312	173	320	347	328	347	328
188	138			238	368	458	272	212	306	290	312	174	320	348	328	348	328
324	128			239	368	459	272	212	306	291	312	175	320	349	328	349	328
325	144			240	368	460	272	212	306	292	312	176	320	350	328	350	328
555	64			241	368	461	272	212	306	293	312	177	320	351	328	351	328
584	142			242	368	462	272	212	306	294	312	178	320	352	328	352	328
636	230			243	368	463	272	212	306	295	312	179	320	353	328	353	328
659	130			244	368	464	272	212	306	296	312	180	320	354	328	354	328
672	68			245	368	465	272	212	306	297	312	181	320	355	328	355	328
700	144			246	368	466	272	212	306	298	312	182	320	356	328	356	328
720	144			247	368	467	272	212	306	299	312	183	320	357	328	357	328
721	320			248	368	468	272	212	306	300	312	184	320	358	328	358	328
722	4			249	368	469	272	212	306	301	312	185	320	359	328	359	328
730	184			250	368	470	272	212	306	302	312	186	320	360	328	360	328
731	104			251	368	471	272	212	306	303	312	187	320	361	328	361	328
732	154			252	368	472	272	212	306	304	312	188	320	362	328	362	328
733	64			253	368	473	272	212	306	305	312	189	320	363	328	363	328
735	230			254	368	474	272	212	306	306	312	190	320	364	328	364	328
824	68			255	368	475	272	212	306	307	312	191	320	365	328	365	328
826	250			256	368	476	272	212	306	308	312	192	320	366	328	366	328
828	138			257	368	477	272	212	306	309	312	193	320	367	328	367	328
829	308			258	368	478	272	212	306	310	312	194	320	368	328	368	328
833	190			259	368	479	272	212	306	311	312	195	320	369	328	369	328
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				261	368	481	272	212	306	313	312	197	320	371	328	371	328
				262	368	482	272	212	306	314	312	198	320	372	328	372	328
				263	368	483	272	212	306	315	312	199	320	373	328	373	328
				264	368	484	272	212	306	316	312	200	320	374	328	374	328
				265	368	485	272	212	306	317	312	201	320	375	328	375	328
				266	368	486	272	212	306	318	312	202	320	376	328	376	328
				267	368	487	272	212	306	319	312	203	320	377	328	377	328
				268	368	488	272	212	306	320	312	204	320	378	328	378	328
				269	368	489	272	212	306	321	312	205	320	379	328	379	328
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				272	368	492	272	212	306	324	312	208	320	382	328	382	328
				273	368	493	272	212	306	325	312	209	320	383	328	383	328
				274	368	494	272	212	306	326	312	210	320	384	328	384	328
				275	368	495	272	212	306	327	312	211	320	385	328	385	328
				276	368	496	272	212	306	328	312	212	320	386	328	386	328
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				278	368	498	272	212	306	330	312	214	320	388	328	388	328
				279	368	499	272	212	306	331	312	215	320	389	328	389	328
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				281	368	501	272	212	306	333	312	217	320	391	328	391	328
				282	368	502	272	212	306	334	312	218	320	392	328	392	328
				283	368	503	272	212	306	335	312	219	320	393	328	393	328
				284	368	504	272	212	306	336	312	220	320	394	328	394	328
				285	368	505	272	212	306	337	312	221	320	395	328	395	328
				286	368	506	272	212	306	338	312	222	320	396	328	396	328
				287	368	507	272	212	306	339	312	223	320	397	328	397	328
				288	368	508	272	212	306	340	312	224	320	398	328	398	328
				289	368	509	272	212	306	341	312	225	320	399	328	399	328
				290	368	510	272	212	306	342	312	226	320	400	328	400	328
				291	368	511	272	212	306	343	312	227	320	401	328	401	328
				292	368	512	272	212	306	344	312	228	320	402	328	402	328
				293	368	513	272	212	306	345	312	229	320	403	328	403	328
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[illegible]

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5657	230	5995	216	100		6301	198	6455	238	6596	232	6735	382	278	102, 110, 122	144			
5662	230	5996	216	6188	188	6305	198	6456	238	6597	232	6735	382	110	102, 110, 122	144			
5663	234	6011	374	100		6307	198	6457	238	6598	232	6735	382	110	102, 110, 122	144			
5678	234	6012	374	6189	188	6310	198	6458	198	6599	232	6735	382	110	102, 110, 122	144			
5679	234	6013	374	100		6314	198	6459	198	6615	188	6735	382	110	102, 110, 122	144			
5680	234	6014	374	6190	188	6318	198	6460	198	6616	188	6735	382	110	102, 110, 122	144			
5681	234	6015	374	100		6320	198	6461	198	6617	188	6735	382	110	102, 110, 122	144			
5682	234	6018	374	6191	188	6324	198	6462	198	6621	198	6735	382	110	102, 110, 122	144			
5683	234	6019	374	100		6325	198	6463	198	6622	198	6735	382	110	102, 110, 122	144			
5684	234	6020	374	6192	188	6327	214	6464	198	6623	198	6735	382	110	102, 110, 122	144			
5685	234	6021	374	6193	188	6328	198	6465	198	6624	198	6735	382	110	102, 110, 122	144			
5686	234	6022	374	100		6329	198	6466	198	6625	198	6735	382	110	102, 110, 122	144			
5687	234	6023	374	6194	202	6330	198	6467	198	6626	198	6735	382	110	102, 110, 122	144			
5687	234	6024	374	6195	188	6331	198	6468	198	6627	198	6735	382	110	102, 110, 122	144			
5688	234	6025	374	6196	188	6332	198	6469	198	6628	198	6735	382	110	102, 110, 122	144			
5689	234	6026	374	100		6333	198	6470	198	6629	198	6735	382	110	102, 110, 122	144			
5690	234	6027	374	6197	188	6334	198	6471	198	6630	198	6735	382	110	102, 110, 122	144			
5691	234	6028	374	100		6335	198	6472	198	6631	198	6735	382	110	102, 110, 122	144			
5692	234	6029	374	6198	188	6336	198	6473	198	6632	198	6735	382	110	102, 110, 122	144			
5693	234	6030	374	100		6337	198	6474	198	6633	198	6735	382	110	102, 110, 122	144			
5694	234	6031	374	6199	188	6338	198	6475	198	6634	198	6735	382	110	102, 110, 122	144			
5695	234	6032	374	100		6339	198	6476	198	6635	198	6735	382	110	102, 110, 122	144			
5696	234	6033	374	6200	188	6340	198	6477	198	6636	198	6735	382	110	102, 110, 122	144			
5697	234	6034	374	100		6341	198	6478	198	6637	198	6735	382	110	102, 110, 122	144			
5698	234	6035	374	6201	188	6342	198	6479	198	6638	198	6735	382	110	102, 110, 122	144			
5699	234	6036	374	100		6343	198	6480	198	6639	198	6735	382	110	102, 110, 122	144			
5700	234	6037	374	6202	188	6344	198	6481	198	6640	198	6735	382	110	102, 110, 122	144			
5701	234	6038	374	100		6345	198	6482	198	6641	198	6735	382	110	102, 110, 122	144			
5702	234	6039	374	6203	188	6346	198	6483	198	6642	198	6735	382	110	102, 110, 122	144			
5703	234	6040	374	100		6347	198	6484	198	6643	198	6735	382	110	102, 110, 122	144			
5704	234	6041	374	6204	188	6348	198	6485	198	6644	198	6735	382	110	102, 110, 122	144			
5705	234	6042	374	100		6349	198	6486	198	6645	198	6735	382	110	102, 110, 122	144			
5706	234	6043	374	6205	188	6350	198	6487	198	6646	198	6735	382	110	102, 110, 122	144			
5707	234	6044	374	100		6351	198	6488	198	6647	198	6735	382	110	102, 110, 122	144			
5708	234	6045	374	6206	188	6352	198	6489	198	6648	198	6735	382	110	102, 110, 122	144			
5709	234	6046	374	100		6353	198	6490	198	6649	198	6735	382	110	102, 110, 122	144			
5710	234	6047	374	6207	188	6354	198	6491	198	6650	198	6735	382	110	102, 110, 122	144			
5711	234	6048	374	100		6355	198	6492	198	6651	198	6735	382	110	102, 110, 122	144			
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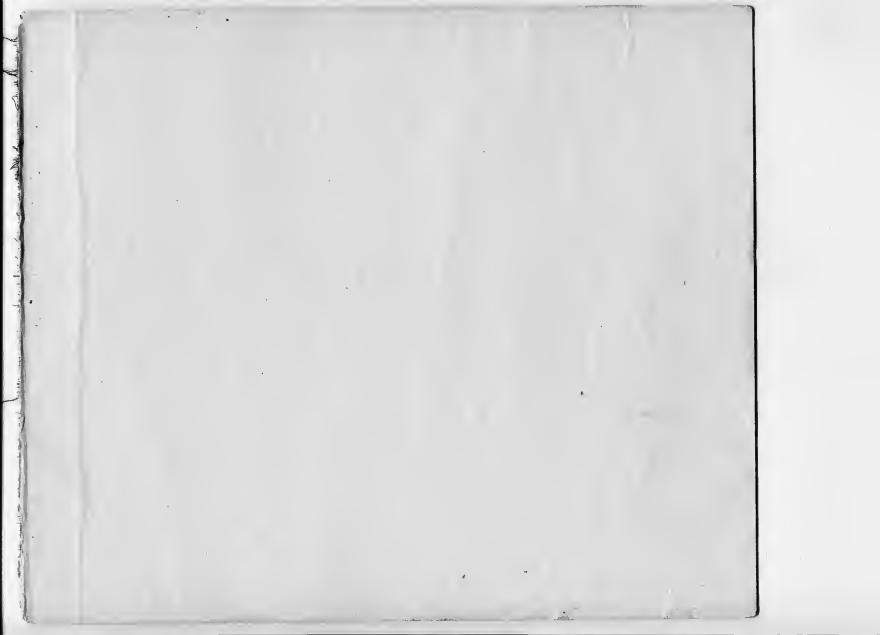
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